Nu-West Industries, Inc.
Corporate EH&S
3010 Conda Road
Soda Springs, Idaho 83276

Telephone (208) 547-3935
Facsimile (208) 547-3022

Scott B. Sprague
Environmental Remediation Manager

August 17, 2006

Doug Tanner
Idaho Department of Environmental Quality
444 Hospital Way, Number 300
Pocatello, ID 83201

Re: Central Farmers Fertilizer Facility Site Investigation
Human Health and Ecological Risk Assessment

Dear Doug:

Enclosed please find three copies of the Human Health and Ecological Risk Assessment for the Georgetown Canyon plant site. Please distribute copies of this report to those in your organization who will be reviewing the report.

If you have any questions regarding this submittal, please contact me at 208-547-3935, extension 13 or on my cell phone (303) 883-1184.

Sincerely,
Nu-West Industries, Inc.

Scott B. Sprague, P.E.
Environmental Remediation Manager

SBS:sbs

Enclosure

cc: Pat Billig – Waterstone
JB Brown – GET w/o attachment
Matt Smith – w/o attachment
Anna Watson
Zach Miller

HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT
CENTRAL FARMERS FERTILIZER FACILITY
GEORGETOWN CANYON, IDAHO

Prepared for:
Nu-West Industries, Inc. and Nu-West Mining, Inc.

Prepared by:

WATERSTONE
Environmental Hydrology and Engineering, Inc.

1050 Walnut Street, Suite 500
Boulder, CO 80302
303-444-1000
Project A402

AUGUST 16, 2006

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Appendix A: Compiled Sample Results Tables
Appendix B: ProUCL Data Input Tables and Statistical Output

LIST OF ACRONYMS

ADD – Average Daily Dose
amsl – above mean sea level
APC – Agricultural Products Corporation
COPC – Chemical of Potential Concern
CSEM – Conceptual Site Exposure Model
E&E – Ecology and Environment
EPA – U.S. Environmental Protection Agency
EPC – Exposure Point Concentration
fbgs – feet below ground surface
HEAST – Health Effects Assessment Summary Tables
HI – Hazard Index
HQ – Hazard Quotient
HRS – Hazard Ranking Score
HWWA – Hazardous Waste Management Act
IDEQ – Idaho Department of Environmental Quality
IDTV – Initial Default Target Value
IEUBK – Integrated Exposure Uptake Biokinetic
IRIS – Integrated Risk Information System
MCL – Maximum Contaminant Level
MDL – Method Detection Limit
PCB – Polychlorinated Biphenyl
PRG – Preliminary Remediation Goal
RfC – Reference Concentration
RfD – Reference Dose
SAP – Sampling and Analysis Plan
SF – Slope Factor
SI – Site Investigation
TSP – Triple Concentrated Super Phosphate

Response to Technical Review Comments on the Human Health and Ecological Risk Assessment
Central Farmers Fertilizer Facility
Georgetown Canyon, Idaho

Responses in bold and italics.

General Comments

The risk assessment was well done overall. The human health risk assessment shows unacceptable risk for a variety of exposure scenarios. However, it is likely that noncarcinogenic risk is to human receptors is overestimated.

The approach for the human health risk assessment was to be as protective as reasonable and we agree that the noncarcinogenic risk is likely overestimated due primarily to the dermal risk estimation. This subject is further discussed in the response to the Specific Comment on Section 3.6 below.

There is considerable uncertainty associated with the ecological risk assessment, some of which is related to MDLs. The conclusion that overall site ecological risk is low because of conservative assumptions, and because sampling was biased to areas of known contamination, must be balanced against the presence of attractive features such as water, which will attract receptors. Other factors likely result in risk underestimation, such as the unavailability of avian TRVs for thallium. Since some avian receptors had HQs greater than 10 for multiple contaminants, the qualitative description of site ecological risk as low is debatable.

Agreed. The more correct conclusion is that locations posing an ecological risk have been identified and will be addressed in the Remedial Action Plan (RAP). In addition, due to biased sampling in contaminated areas it is very unlikely that ecological risk has been underestimated.

Specific Comments

Section 3.4, Page 21, First Paragraph

It is agreed that there is uncertainty regarding the potential extent of mercury contamination; collection of additional samples would resolve this uncertainty.

Based, on the available sampling results, Nu-West Industries believes that any mercury contamination at the former Central Farmers Fertilizer Facility in Georgetown Canyon is limited in extent. Furthermore, the area where mercury was elevated is currently covered with at least 1 foot of fill material, and institutional controls at the site to prevent excavation should prevent any future exposure to the area. Thus, further soil sampling is not warranted for this site.

Section 3.6.2, Page 25, Second and Third Paragraphs

For the future hypothetical residential receptor, adult and child residents are both evaluated. According to Table -8, the exposure durations for these two receptors are 24 and 6 years, respectively. Idaho DEQ typically evaluates a child receptor, but also an age-adjusted receptor rather than an adult. The exposure duration for the age-adjusted receptor is 30 years, based on 6 years with child exposure parameters and 24 years with adult exposure parameters. For some chemicals and exposure scenarios, the child receptor shows greater risk, while in other scenarios it is the age-adjusted receptor. The age-adjusted receptor will show a greater risk than the adult receptor, based on the longer exposure duration. It is appropriate to use the age-adjusted receptor, and consistent with EPA guidance and the Region 9 PRGs. In the current assessment, it might not significantly change the overall conclusions, however.

It is agreed that the Idaho DEQ Risk Evaluation Manual (IDEQ 2004) indicates that an age-adjusted residential receptor be evaluated and Nu-West regrets the oversight in the human health risk assessment. Upon discussion with Douglas Tanner and Jeff Fromm of Idaho DEQ it was agreed that adding an age-adjusted receptor to this risk assessment was not necessary because the results of the risk assessment show a noncarcinogenic risk above the 1.0 threshold for both the adult and child resident and presumably would have a similar result for and age-adjusted receptor.

Section 3.7.4, Page 29, First Paragraph

It is agreed that it is very conservative to assume a GIABS of one. However, it is standard risk assessment procedure. There are also likely many variables that affect the gastrointestinal absorption of inorganic constituents that would require site-specific in vitro or in vivo testing to accurately assess degree of absorption. In the absence of this kind of information, the only choice is to assume a value of one.

Comment noted. As discussed with Douglas Tanner and Jeff Fromm, inclusion of this discussion in the uncertainty section of a human health risk assessment is standard.

Section 3.6, Risk Characterization

The noncarcinogenic risks for the child recreational user, the child future resident, and the future construction worker are driven by dermal exposure to vanadium. It is likely these risks are overestimated. EPA does not currently recommend dermal absorption factors for inorganic constituents with the exception of chemicals such as arsenic for which there is reliable experimental data documenting absorption. Please explain the rationale for evaluating dermal exposure to vanadium.

It is agreed that the current EPA guidance (<u>USEPA 2004</u>) does not recommend dermal absorption factors for most inorganic constituents, however, the Idaho DEQ Risk Evaluation Manual Appendix E (Page E-5)(IDEQ 2004) indicates that a default

absorption factor of 0.01 be used for inorganic constituents. Because the Idaho guidance indicated a default value for inorganic constituents, this value was used in the risk assessment rather than following the EPA guidance. Thus, because the approach used is more protective than the EPA recommendation and follows the Idaho guidance, the risk tables will not be regenerated. However, an analysis of the expected change to the noncarcinogenic risk values follows.

If a value of zero is used for dermal absorption for manganese, thallium, uranium, and vanadium the noncarcinogenic risk is reduced for the child recreational user, and the adult and child resident, but all these values would remain above the 1.0 threshold for noncarcinogenic risk. However, the noncarcinogenic risk for the construction worker would be reduced to 0.27. The expected noncarcinogenic risk values using a dermal absorption value of zero for the inorganic constituents other than arsenic and cadmium are:

Receptor	***Existing Noncarcinogenic Risk***	***Noncarcinogenic risk with dermal absorption set to 0***
Child Recreational User	***4.23***	***1.10***
Adult Resident	***1.61***	***1.25***
Child Resident	***3.96***	***1.98***
Construction Worker	***4.51***	***0.27***

The remaining human health risks will be addressed by the RAP through either remedial action or through institutional controls to remove potential exposure to contaminated media.

Section 4.1.3, Page 43, First Bullet

Chemicals which are nutrients can still be toxic in high enough concentrations. Selenium provides a familiar example. It would be helpful to provide some additional information to justify screening the listed constituents.

A number of chemicals that may be site-related function as nutrients in organisms serving as physiological electrolytes, such as calcium, iron, magnesium, sodium, and potassium (<u>USEPA 2001</u>). When present at concentrations that allow them to function in this manner, they typically pose little ecological risk. Conversely, nutrients such as selenium, copper, molybdenum, and boron, can change from essential to toxic at only slightly higher concentrations. For the Georgetown ecological risk assessment (ERA), only calcium, magnesium, potassium, and sodium were excluded as nutrients. See attached revisions to Page 43.

Section 4.1.3, Page 43, Second Bullet

This screening step does not appear to be conservative. Whether it is appropriate would seem to depend on the level of concern at the screening value.

IDEQ is correct in that there can be risk associated with background concentrations of metals. For the Georgetown ERA, only aluminum, iron and manganese had background concentrations that exceeded screening values. As discussed in the ERA, aluminum toxicity is pH-related and not an issue at this site. See attached revisions to Page 43.

Section 4.1.3, Page 44, Second Paragraph

It is possible for site contaminants to also be known lab contaminants. Please provide additional justification for elimination of methylene chloride.

The Georgetown Canyon site was operational in the late 1950's and early 1960's. During this time period, methylene chloride was not used in any of the processes at the plant. See attached revisions to Page 44.

NOTE:
An additional comment regarding Section 4.1.3, Page 43, Third Bullet is addressed in the attached revisions to Page 43.

References

Idaho Department of Environmental Quality (IDEQ). 2004. ***Idaho Risk Evalutation Manual.*** **July.**

U.S. Environmental Protection Agency (USEPA). 2001. ***The Role of Screening-Level Risk Assessments and Refining Contaminants of Concern in Baseline Ecological Risk Assessments.*** **ECO Update. EPA 540/F-01/014. http://www.epa.gov/oswer/riskassessment/ecoup/pdf/slera0601.pdf**

USEPA. 2004. ***Risk Assessment Guidance for Superfund Volume I: human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment).*** **EPA/540/R/99/005. July.**

1.0 INTRODUCTION

This human health and ecological risk assessment presents estimates of the potential risks to human health and ecological receptors from the potential release of contaminants to the environment from the former Central Farmers Fertilizer Facility in Georgetown Canyon, Idaho.

1.1 Site Description and Location

The former Central Farmers Fertilizer Facility is located seven miles to the east of Georgetown, Idaho, as shown on Figure 1-1. The former facility is an 87-acre site within Georgetown Canyon, in the general areas of the Northwest ¼ Section 25 and the Southwest ¼ Section 24, Township 10S, Range 44E, in Bear Lake County. The site is surrounded by Caribou/Targhee National Forest land. The site features during operations are shown on Figure 1-2.

Nu-West Industries, Inc. and Nu-West Mining Inc. (Nu-West) acquired ownership of the former Central Farmers Fertilizer Facility in Georgetown Canyon, Idaho as a result of bringing the Beker Industries assets out of bankruptcy. On September 19, 2001, the Idaho Department of Environmental Quality (IDEQ) conducted a site visit to the Georgetown Canyon property. Based on the findings of this site visit and other information provided to the agency, the IDEQ expressed concern that there may have been contaminant releases from the former site to the environment. Potential contamination at the former Central Farmers Fertilizer Facility was alleged in a preliminary assessment completed by the IDEQ on September 19, 2001. During 2002, Nu-West and IDEQ negotiated a Consent Judgment pursuant to Idaho Code § 39-101 et seq., [Idaho Environmental Protection and Health Act], and Idaho Code § 39-4401 et seq., [Idaho Hazardous Waste Management Act (HWMA)] enforceable under Idaho Code §§ 39-108 and 39-109, and the HWMA, Idaho Code §§ 39-4413 and 39-4414. Judge Harding of the Bear Lake County Court signed the Consent Judgment on May 28, 2003.

A site investigation (SI) work plan was submitted to the Agency on September 19, 2003. The SI work plan presented the approach that would be used to address concerns raised by the IDEQ

in the Consent Judgment and outline the process to identify or fill gaps in existing data. The SI work plan described the specific site investigation activities based upon initial site reconnaissance, the facility history, historic maps, and processing steps.

A sampling and analysis plan (SAP) was submitted in early April 2004 and conditionally approved by the IDEQ in their correspondence of April 15, 2004. The objective of the SAP was to detail investigation activities to be performed as part of the Central Farmers Fertilizer Facility SI in Georgetown Canyon.

In March 2005, Nu-West submitted a Draft SI Report that summarized the data and the findings of the 2004 investigations. Following their review of the report, the IDEQ provided comments in correspondence dated April 8, 2005. In this correspondence, IDEQ requested follow up investigation and site characterization during the 2005 field season to fill data gaps and address concerns raised in a meeting held in March 2005. This report uses the site investigation data from the 2004 and 2005 field seasons, as reported in the *Draft Final Investigation Report Central Farmers Fertilizer Facility in Georgetown Canyon, Idaho* (GET 2006).

1.2 Physiography and Physical Setting

The physiography of the Central Farmers Fertilizer Facility area is typical of the middle Rocky Mountain physiographic province, which includes a group of north/south-trending ranges and valleys. The elevation difference from the valley bottoms to the ridge tops ranges from 2,000 to 4,000 feet. The valley floors typically have a gentle slope and are fairly wide (1 to 5 miles). The ranges and valleys are the surface expression of a combination of eastward thrust plates moving along north/south striking, west dipping faults and the steeply dipping to overturned north/south trending folds.

The former Central Farmers Fertilizer facility examined during this SI is located in Georgetown Canyon on the upper (allochthanous) Meade Thrust plate. The site lies between the Aspen Range to the north and northwest of the site, and the Pruess Range containing the highest

peak, Meade Peak, directly to the east of the site. Topographic relief in the area is denoted by the contrasting elevations between the mountain ranges, with highest elevation of 9,957 feet (Meade Peak), and the site canyon areas, with elevations of about 6,860 feet above mean sea level (amsl).

The Pruess Range is considered part of the Middle Rocky mountain physiographic province. The ranges surrounding the site are northerly trending and are comprised of folded and tilted fault block features similar to the Basin and Range Province. The general topographic features differ from the Basin and Range in that the valleys tend to be narrower, and contain greater vegetation due to greater amounts of available moisture (Cressman 1964). Much of the surficial erosion features in the area are related to resistant geologic structure, faults, and erosion of these features. Resistant limestones tend to define ridges, such as the Brazer Limestone that defines Snowdrift Mountain and Dry Ridge to the east and west of the site, respectively, whereas heavily fractured formations or shale features tend to form valleys and drainages. Georgetown Canyon has been partly eroded into softer lower Triassic rocks and the softer non-resistant Wells Formation in the center of the Georgetown Syncline. In contrast, the uppermost beds of the Brazer Limestone, the Rex Chert and the contact between the Upper and Lower Dinwoody can be traced along strike for miles to the west of Snowdrift Ridge in Georgetown Canyon (Cressman 1964). 1 mile = 5,280'

Georgetown Creek (shown on older maps as Twin Creek) flows through Georgetown Canyon directly across the site from north to south as shown on Figure 1-2. The creek enters a 60-inch corrugated metal pipe just to the north of the fenced off portion of the site at an elevation of 6,918 feet amsl. Georgetown Creek is contained within the pipe beneath the site for about 2,283 feet, exiting the pipe at an elevation of 6,873 feet amsl, at a location approximately 615 feet to the south of the main gate entrance to the site. The creek was sampled at three locations during the SI.

The site area receives moisture from snowmelt and surface runoff directly onto the site. Nearby Slug Creek snow station indicates an average peak snow water equivalent of about 18 inches

that occurs within the first week of April (NRCS 2005). However, during 2004 and 2005, the peak snow water equivalent was approximately 13 inches, about 70 percent of normal.

A small (about 1 cubic feet per second or less) annual flow discharges from Phosphoria Gulch and is diverted to a sediment pond located south of the fenced area (Figure 1-2). During 2005, the overflow from the sediment control pond emptied into Georgetown Creek, adding measurable volume and some fine sediment. The flow from the sediment control pond stopped when the flow down Phosphoria Gulch slowed in early summer. The flow in Phosphoria Gulch was sampled when available during the SI although the shallow depth prevented flow measurements. During late summer and fall, the flow in Phosphoria Gulch disappeared above the ore piles within the drainage.

The draw immediately west of the north end of the fenced area contains ephemeral springs, at an elevation of about 400 feet above the site. These springs issue from a suspected fault zone intersecting at high angle to the axial trace of the Georgetown Syncline. This spring area was likely developed as a water source for former site operations. Some of this water now flows to the canyon floor during runoff and is collected in a drain that empties into the corrugated metal pipe beneath Georgetown Canyon Road.

Immediately east of the furnace and below the water tank, a spring issues along the contact between the lower Dinwoody Formation and the Phosphoria Formation. This contact appears to be a fault contact. Flow from this spring enters the fenced portion of the site to the north and east of the furnace building footprint. This spring create marsh-like conditions within the former facility area that appear to affect site water levels. Water issuing from these seep areas flowed across the lower elevations of the site throughout the 2004 and 2005 field seasons, causing the site ground surface (and much of the investigated areas) to remain under saturated conditions during much of the year.

During 2005, the surface water flowing across the site was noted to flow south off of the site near the gate entrance and discharge into a drain, which may discharge to the creek. This on-site surface water was sampled during the SI in July 2005.

Surface elevations at the Central Farmers Fertilizer Facility site range from approximately 7,180 feet amsl on the eastern side of the site near the mine road, 7,060 feet amsl along the Forest Service road on the west side of the site area. The north end of the site near well GT-1 is about 6,960 feet amsl and the road elevation is approximately 6,858 feet amsl at the surveyed southern boundary, as defined by the Consent Judgment. The surface expression of the site is steep on the east and west sides, with occasional outcrop exposures that crop out through surficial soils where road cuts are present. Resistant members of the Rex Chert and Wells formations also form occasional outcrops through the soil mantle.

1.3 Production Information

Phosphate deposits in Georgetown Canyon were initially located between April 1906 and October 1907 (USGS 2000). Claims were patented between 1912 and 1916. Mining and production of ore began on sixteen claims between 1909 and 1928. The patented phosphate mining claims were sold to Central Farmers Fertilizer Company in 1955. Central Farmers conducted underground and open pit mining between 1955 and 1963. The ore from this mine was processed at the production facility that is the subject of this investigation. Shortly afterwards, The Central Farmers Fertilizer Company rerouted Georgetown Creek through a 60-inch pipeline and constructed a processing plant within the canyon.

Construction started on a phosphate processing plant with an electric furnace and kiln in the Canyon in 1957. The fertilizer plant facility consisted of a beneficiation plant, an electric arc furnace, phosphoric acid plant, and fertilizer processing plant. The plant was completed in May 1959. Central Farmers Fertilizer Company continued phosphate mining in Georgetown Canyon during the operation of the fertilizer plant facility. A conveyor belt was used to move ore from the open pit to the processing plant. Open pit mining was initiated in June 1958 to the east of the

plant facility. A railroad spur was constructed from the main line near Georgetown to the processing facility in 1957.

By late 1959, underground mining had ceased. A new open pit was opened in 1960. Open pit mining continued until 1963. The open pit was extended to approximately 10,000 feet long, 250 feet wide and 100 feet deep. In 1964, production stopped from the mine. In July, 1964, the El Paso Natural Gas Products Company bought the Georgetown Canyon phosphate properties from the Central Farmers Fertilizer Company and in October, closed the plant facility and moved parts of the plant to Conda where the company was building a new phosphate processing plant (USGS 2000).

The Georgetown Canyon Mine has not produced phosphate ore since 1964. In May of 1972, Agricultural Products Corporation (APC), a wholly owned subsidiary of Beker Industries Corporation, purchased the mine properties from El Paso. In 1972, APC was dissolved and all of their property holdings, including the Georgetown Canyon mine were assigned to Beker Industries. In January of 1979, Beker Industries Corporation sold the Georgetown Canyon mine to Western Co-Operative Fertilizer, Ltd., USA and formed the Conda Partnership. In 1987, the Beker Corporation filed for a Chapter 11 bankruptcy. Nu-West Industries, Inc. replaced the Beker Corporation in the Conda Partnership. In 1992, Nu-West bought out the Western Co-Operative Fertilizer, Ltd., and formed a wholly owned subsidiary named Nu-West to replace the co-op in Conda Partnership. In 1995, the Conda Partnership was dissolved and all of the mine properties were assigned to Nu-West. In October of 1995, Agrium, Inc., a Canadian firm based in Calgary, Alberta, acquired Nu-West Industries, Inc.

This section discusses the process operation of the Georgetown fertilizer plant through the brief period of operation between 1957 and 1964. Much of this information was provided from a June 16, 1963 report *Idaho Phosphate Works of Central Farmers Fertilizer Company* (Cox 1963). The plant works consisted of five operational units, including:

- Ore Reclaiming;

- Phosphorus Furnace Operations (including phosphate burden preparation, proportioning, products and by-product materials);
- Ore Beneficiation and Rock Drying, Calcining and Milling - handling any phosphate rock not going to the furnace, therefore for sale or use in Concentrated/Triple Superphosphate;
- Phosphoric Acid Plant; and,
- Concentrated/Triple Superphosphate production, including storage and shipping.

1.4 Types and Volumes of Facility-Related Waste Present

During August 1979, the U.S. Environmental Protection Agency (EPA) Region 10 identified "electric furnace slag tailing, heater [sic] dust with elemental phosphorous and other wastes disposed of on the site." Wastes marked on the form included paint or pigment, oily waste, solvents, acids, flies ash, and lab wastes. None of these wastes were located during the demolition that took place in 2001 or during site visits since 2000. Additionally, these wastes were not mentioned in any subsequent agency inspections.

During 1985, a memorandum from the Idaho Hazardous Materials Bureau to EPA Region 10 included the following statements:

- Elemental phosphorous may be present in small quantities, although no data exists to support this assumption;
- The site owner was dismantling the site in September 1984 for the purpose of salvage, and dismantling had been performed over the past three years. The transformers were also removed from the substation area during that time;
- No further action was contemplated by the state, based on the assessment and on the fact that quantities of the elemental phosphorous were assumed to be small, and that phosphates in the tails pose little or no potential for adverse environmental impact; and,

- Most of the mill tailing was reported to have been recycled into fertilizer by Soda Springs Phosphate in Soda Springs.

In an EPA document dated February 6, 1985, for potential hazardous waste site disposition at the Central Farmers site, EPA recommended further investigation because the area is noted for high radioactivity in phosphate mine tailing. EPA also recommended investigation of the former transformer sites for polychlorinated biphenyl (PCB) spills.

On April 29, 1988, Ecology and Environment (E&E), an EPA contractor, conducted a site assessment of the Georgetown facility. Based on the available information, E&E concluded in a report to USEPA Region 10 that no Hazard Ranking Score (HRS) was possible since the waste quantity at the site was estimated to be zero. Additionally, E&E stated that reevaluation of the site under HRS II would not result in a score above zero. The report was based on past information contained in the file, with no independent verification. The report concluded by recommending no further action for the site.

During August 1996, two underground storage tanks were removed from the site, and during 1997, approximately 1,340 yards of petroleum-contaminated soils were removed from the tank excavation. During the summer of 2001, Nu-West commenced and completed demolition of the remaining fertilizer plant buildings, tanks, and structures as part of complete site closure. The former facility property, including Georgetown Canyon Mine, remains under the ownership of Nu-West.

1.5 Status of Remaining Site Features

Remaining site buildings, calcine bins, and other remaining structures were removed in 2001. Much of the material was scrapped and recycled. Some of the remaining construction and demolition waste was impounded and covered on site below the calcine bins. A number of concrete foundations remain on site, including those of the TSP storage building, maintenance shop, calcine bins, beneficiation building, phosphate tanks, and kiln scrubber.

1.5.1 60-Inch Corrugated Metal Pipe Culvert

The 60-inch corrugated metal pipe shown on Figure 1-2 conveys Georgetown Creek beneath the site. The pipe was constructed approximately 50 years ago, and is about 2,200 feet in length. A spring that issues from a drainage west of the site enters a drain that is believed to discharge into the pipe. The overflow from Phosphoria Gulch was noted to discharge from the sediment settling pond directly into the corrugated metal pipe and Georgetown Creek during runoff. Site surface water may enter the pipe at other locations. These flows add to the flow in Georgetown Creek, however, water flow measurements in 2004 and 2005 indicate that creek water may also leak out of the corrugated metal pipe.

1.5.2 Slurry Pit Area

The covered slurry pit shown on Figure 1-2 includes a covered phos impoundment that may be divided into two cells. The estimated area is approximately 38,650 square feet. Thickness of the slurry pit cover was not determined, although the soils are indicated to contain elevated levels of phosphorous based on the analytical results from the surface soils investigations. White phosphorus was intercepted at shallow depth during drilling near the north end of the facility. The cover contains sparse grasses, sweet clover, alfalfa, lupine and other native plants, willows, a number of aspen trees, and stockpiled armoring rock material. The cover shows signs of animal burrowing activity. The covered impoundment feature is raised several feet above surrounding grade near the south end of the impoundment, with slight slope to the north and the east on the cover surface. Surface water is present immediately to the east of the facility throughout much of the year. During the runoff period in 2005, leakage was noted from the west side of the impoundment that resulted in localized discoloration of the soil. Leakage from the impoundment suggests that the cover is of lower permeability than the bottom of the slurry pit.

1.5.3 Furnace

The furnace building (shown on Figure 1-2) was removed in 2001. The remaining furnace feature is a circular reinforced conical flat-topped steel structure with blind flanged pipes on top of the structure. The furnace was filled approximately 80 percent with silica sand and all openings were welded shut during the demolition activities that occurred in 2001. The steel structure is exposed at an elevation of approximately 6,921 feet, approximately 6 to 9 feet above the surrounding ground surface elevations. The soils surrounding the furnace slope away and indicate settlement and voids in a few locations adjacent to the structure. The furnace structure is known to contain flammable white phosphorus.

1.5.4 Ore Storage Area

The ore storage area is contained within Phosphoria Gulch on the steep north side of the drainage, as shown on Figure 1-2. Lesser amounts of ore occur on the south side of the gulch. The ore is of low grade (small phosphorus content), is dispersive and was noted to erode during spring runoff. The top elevation of the stockpile is about 7,095 feet, with the bottom elevation at about 6,960 feet. The bottom of Phosphoria Gulch contains from 6 inches to several feet of ore. White phosphorus was found beneath the ore near the contact between the ore and the native ground at the base of the stockpile in one test pit. An estimated volume of about 75,000 yards of ore material remains on the north side of the drainage, based on the survey conducted in 2005.

1.5.5 Clarifier

As shown on Figure 1-2, the clarifier structure is a round concrete water-filled structure, approximately 210 feet in diameter, and several feet deep. The basin is partially filled with sediment and contains wetland plants, including an abundance of cattails. Old site maps inidcte a pipe transmitting mill waste water to the clarifier. During the SI, no piping or water inlets or outlets were identified entering or exiting the structure. Water levels in the clarifier appear to change in response to precipitation and evapo-transporation.

2.0 DATA USABILITY

The data used in this risk assessment was collected as part of the SI conducted by Global Environmental Technologies, LLC of Salt Lake City, Utah. Samples were collected from surface ore deposits in Phosphoria Gulch, subsurface soil from beneath the 1 foot soil cover at the site, shallow and deep groundwater, surface water and sediment. The samples collected were targeted to known operations areas or areas thought to be most likely affected by the site or relevant transport mechanisms. Thus, the sample results are biased and should be representative of worst-case conditions at the site. The following sections discuss the data available for each media. Tables of the compiled data by media are located in Appendix A.

2.1 Background Soil

Soil background samples were collected from four different natural outcrop soil types and were collected in locations that would not have been impacted by site operations (GET 2006). The background soil sample locations are shown on Figure 2-1.

2.2 Surface Soil and Ore Data

The central portion of the site has been covered with 1 to 2 feet of soil from a nearby area within the private property boundaries that was not impacted by site operations. It is assumed that this soil cover is uncontaminated. Due to the 1 to 2 foot soil cover, there are no surface soil samples from the operations area of the facility suitable for risk assessment purposes. There are 3 ore samples collected from the surface (0 to 12 inches below ground surface (fbgs)) of the ore area of Phosphoria Gulch. These samples will be used to estimate the risk from the ore area to the potential receptors and are shown on Figure 2-1.

2.3 Subsurface Soil Data

A total of 26 subsurface soil locations were sampled at various intervals resulting in 33 subsurface soil sample results for inorganic analytes and four to 18 organic results for use in the human health risk assessment (sampling intervals 1- to 12-fbgs). The sampling intervals used for subsurface soil for ecological risk assessment was 1- to 5-fbgs. The 1- to 5-fbgs samples yielded 21 results for inorganic analytes and 4 to 11 results for organic analytes. The locations of the subsurface soil sample are shown on Figure 2-1.

2.4 Surface Water Data

A total of 11 surface water locations were sampled between 23 June 2003 and 11 October 2005, yielding 90 sample results for inorganic analytes and 4 to 8 results for organic analytes in surface water. Surface water sample locations are shown on Figure 2-2.

2.5 Sediment Data

Sediment was collected once from four sample locations, resulting in four results for inorganic analytes and one or two results for organic analytes. Sediment sample locations are shown on Figure 2-2.

2.6 Groundwater Data

Nine rounds of groundwater samples from seven shallow wells (11 to 67.5 feet deep) were collected in 2004 and 2005, resulting in 57 sample results for inorganic analytes and 15 to 35 results for organic analytes. In addition, two deep well (greater than 100 feet) locations were also sampled resulting in 11 sarnple results for inorganic analytes. Groundwater sample locations are shown on Figure 2-3.

3.0 HUMAN HEALTH RISK ASSESSMENT

The risk assessment results are numerical estimates of risk to potentially exposed populations. For known or suspected carcinogens, the potential risk is expressed in terms of a chance that an individual would develop cancer over a lifetime due to exposure to a carcinogenic chemical of potential concern (COPC) at a site. COPC concentrations in affected media that represent an excess individual lifetime cancer risk of less than one in one in ten thousand ($1x10^{-5}$) are generally considered acceptable by IDEQ (IDEQ 2004).

For non-carcinogenic compounds, risk is calculated by adding the combined effects of exposure to contaminants by a single receptor into a single value known as the hazard index (HI). HI values equal to or less than one are considered to be in the acceptable risk range (IDEQ 2004).

3.1 Conceptual Site Exposure Model

A conceptual site exposure model (CSEM) identifies potential exposure pathways and receptors to be considered in the human health risk assessment. A CSEM needs to consider the following:

- Environmental setting and contaminants known or suspected to exist at the site;
- Chemical fate and transport mechanisms that might exist at the site;
- Mechanisms of toxicity associated with contaminants and likely categories of human health and ecological receptors that could be affected;
- Potentially complete exposure pathways at the site (a complete exposure pathway is one in which the contaminant can be traced from the source to a receptor);
- Selection of potentially exposed populations and assessment and measurement endpoints; and,
- Identification of potential exposure areas that the sampling will need to characterize.

The absence of any one these elements results in an incomplete exposure pathway. Where there is no potential human exposure, there is no potential human health risk from contamination at a site. EPA exposure and risk assessment guidance (USEPA 1989, 1992) does not require that all plausible exposure scenarios and exposure pathways be assessed for a site. A pathway may be potentially complete, but negligible, if the transport process is considered insignificant resulting in negligible concentrations of contaminants in the exposure medium, or if the amount of exposure to the medium is considered negligible. Potentially complete, but negligible, pathways will not be evaluated quantitatively because these pathways would be unlikely to measurably impact risk assessments or remediation decisions. Figure 3-1 provides the CSEM used for this human health risk assessment for the Central Farmers Fertilizer Facility. Table 3-1 provides the rationale for whether a pathway was considered quantitatively, qualitatively, or incomplete. A discussion of the complete pathways evaluated quantitatively for each receptor is also provided in Section 3.2.3.

3.1.1 Source Areas

The source areas for the former Central Farmers Fertilizer Facility include the plant operations areas and the ore area of Phosphoria Gulch.

3.1.2 Transport Mechanisms

As shown on Figure 3-1, the primary transport mechanisms considered for this human health risk assessment are releases from the plant operations area and ore area to air, subsurface soil, surface water, sediment, and groundwater. Secondary transport from surface water to sediment is also considered.

3.1.3 Exposure Media

The exposure media considered are receptor dependent and include surface ore in Phosphoria Gulch, subsurface soil, surface water, sediment, and groundwater.

3.2 Exposure Assessment

Exposure is defined as the contact of a human receptor with a contaminant. Exposure assessment determines the magnitude of the exposure by measuring or estimating the amount of contaminant that a receptor may contact during a specified time period. Exposure assessments consider both current and future exposures, and take into account the physical setting and land use. For this risk assessment it was assumed that a receptor could access all areas of the site equally.

3.2.1 Current Land Use and Potential Future Land Use

The site is currently is not in use for any purpose. Site buildings have been removed but demolition waste, concrete foundations, a covered slurry pit, furnace, ore storage, and the clarifier remain at the site. Caribou/Targhee National Forest land surrounds the site. The only potential current site user would be a recreational user.

The potential future land use for the site is limited because of the presence of white phosphorus in the soil and ore deposits at the site. Institutional controls in the form of deed restrictions to prevent excavation and drilling (including drinking water wells) are proposed that would prevent the property from being developed in the future. In addition, the ore storage area of Phosphoria Gulch is steep terrain and would be unsuitable for building because of the slope and because the ore is not stable.

3.2.2 Potentially Exposed Populations

Four potentially exposed populations were identified for the former Farmers Central Fertilizer Facility. Currently, the recreational user (adult and child) is the only potentially exposed population. Future hypothetical residents, nonresident workers, and construction workers will also be considered in the risk evaluation, although none of these receptors is expected because of the proposed deed restrictions preventing development of the site.

3.2.3 Summary of Exposure Pathways Quantified

Table 3-1 provides the rationale for whether a pathway was considered quantitatively, qualitatively, or incomplete. The following sections summarize the complete pathways for the receptor groups.

Current/Future Recreational User

The current/future recreational user is a site visitor who uses the area for recreational purposes such as camping and hiking. The complete exposure pathways for the recreational user (adult and child) that will be considered quantitatively in the risk assessment are:

- Ingestion of surface water;
- Dermal contact with surface water;
- Incidental ingestion of sediment;
- Dermal contact with sediment;
- Incidental ingestion of ore from the ore area of Phosphoria Gulch;
- Dermal contact with ore from the ore area of Phosphoria Gulch; and,
- Inhalation of dust from the ore area of Phosphoria Gulch

Future Resident

The future resident scenario would be year-round adult and children residents. The resident is assumed to contact the ore area of Phosphoria Gulch and contact the surface water and sediment during recreational activities, such as hiking or wading. The adult resident is assumed to garden and perform light construction activities that could potentially expose them to subsurface soil. Groundwater is assumed to be the drinking water source for the resident receptor. Because a deed restriction preventing development of the site is proposed, this scenario is unlikely to occur; however, the complete exposure pathways for a potential future resident (adult and child) will be considered quantitatively in the risk assessment are:

- Incidental ingestion of surface water;
- Dermal contact with surface water;
- Incidental ingestion of sediment;

- Dermal contact with sediment;
- Incidental ingestion of ore from ore area of Phosphoria Gulch;
- Dermal contact with ore from ore area of Phosphoria Gulch;
- Inhalation of dust from the ore area of Phosphoria Gulch;
- Incidental ingestion of subsurface soil (adult only);
- Dermal contact with subsurface soil (adult only);
- Inhalation of particulates from subsurface soil (adult only);
- Ingestion of groundwater;
- Dermal contact with groundwater; and,
- Inhalation of vapors from groundwater.

Future Construction Worker

The future construction is assumed to perform excavation and building activities at the site. Because a deed restriction preventing development of the site is proposed, this scenario is unlikely to occur; however, the complete exposure pathways that will be evaluated quantitatively for a potential future construction worker (adult) are:

- Incidental ingestion of subsurface soil;
- Dermal contact with subsurface soil;
- Inhalation of subsurface soil; and,
- Inhalation of ambient air during excavation (trench scenario).

Future Nonresidential Worker

The future nonresidential worker is assumed to be a commercial/industrial worker at the site. Because a deed restriction preventing development of the site is proposed, this scenario is unlikely to occur; however, the complete exposure pathways that will be evaluated quantitatively for a potential future nonresidential worker (adult) are:

- Ingestion of groundwater;
- Dermal contact with groundwater; and,
- Inhalation of vapors from groundwater.

3.3 Chemicals of Potential Concern

For the Central Farmers Fertilizer Facility, COPCs were screened against appropriate health-based screening values to identify site-specific COPCs to be considered for each media. If a contaminant does not exceed the protective risk-based screening level or is not present at a site in a large enough concentration to cause a health risk, the contaminant is eliminated from further consideration. The primary screening values used are the Idaho Initial Default Target Values (IDTVs) (IDEQ 2004). EPA Region 9 Preliminary Remediation Goals (PRGs) for a residential receptor were used for the appropriate exposure media (either soil or tap water) as a secondary screen. COPCs detected above a risk-based screening value for a specific media human health are included in the evaluation of potential human health risk for the Central Farmers Fertilizer Facility risk assessment. If a contaminant was not detected at the analytical detection limit and there was no history of the contaminant at the site it was also eliminated from further evaluation. Media-specific screening values used in the human health risk assessment are included in Tables 3-2a through 3-2f. A summary of the analytes retained as COPCs for each media is included as Table 3-3.

3.3.1 Surface Soil and Ore

The central portion of the site has been covered with 1-foot of soil from a nearby area that was not impacted by site operations. It is assumed that this soil cover is uncontaminated. Because of the emplacement of a soil cover there are no surface soil samples from the operations area of the facility suitable for risk assessment purposes. However, the risk assessment considered exposure to the ore and subsurface soils.

Three ore samples were collected from the surface (0 to 12 inches below ground surface (fbgs)) of the ore area of Phosphoria Gulch. These maximum analyte concentrations from the ore samples were compared to risk-based soil criteria for COPC screening. The screening resulted in arsenic, cadmium, uranium (toxicity only), and vanadium being retained as COPCs for the ore area. The COPC screening for the ore results is located on Table 3-2a.

3.3.2 Subsurface Soil Data

The soil sample results collected from 1 to 12 fbgs were used as the subsurface soil data for human health risk assessment purposes. These maximum analyte concentrations from the subsurface soil samples were compared to risk-based soil criteria for COPC screening. The screening resulted in arsenic, cadmium, manganese, mercury, thallium, vanadium, 2-methylnaphthalene, total xylene, and Aroclor 1260 being retained as COPCs for the subsurface soil. The COPC screening for the subsurface soil results is located on Table 3-2b.

3.3.3 Surface Water Data

The maximum analyte concentrations from the surface water samples were compared to risk-based drinking water criteria for COPC screening. The screening resulted in no COPCs being retained for further analysis. The COPC screening for the surface water results is located on Table 3-2c.

3.3.4 Sediment Data

The maximum analyte concentrations from the sediment samples were compared to risk-based soil criteria for COPC screening. The screening resulted in arsenic, cadmium, and vanadium being retained as COPCs for the sediment. The COPC screening for the sediment results is located on Table 3-2d.

3.3.5 Groundwater Data

The shallow and deep groundwater results were screening separately against risk-based drinking water criteria. The shallow groundwater screening resulted in retention of arsenic and lead as COPCs. The COPC screening for the shallow groundwater is located on Table 3-2e. The deep groundwater screening resulted in the retention of no COPCs. The COPC screening for the deep groundwater is located on Table 3-2f.

3.4 Quantification of Exposure

Exposure assessment for COPCs at a contaminated site are based on calculation of an exposure point concentration (EPC), which is generally the 95 percent upper confidence limit (95% UCL) of the arithmetic mean of the available data. Prior to calculating 95% UCL concentrations for the COPCs, all non-detect concentrations were set to one-half the detection limit.

ProUCL Version 3.0 was used to calculate the distributions and the 95%UCLs of the data for the COPCs in the affected media. ProUCL was developed under contract to EPA and includes all statistical computation methods contained in EPA guidance documents for EPC calculation. ProUCL tests the distribution of the data and generates 95%UCL values based on the distribution using the most appropriate statistical test (USEPA 2004c). The summary tables presenting the EPC for each COPC by media are Tables 3-4a through 3-4f. The input table and output tables from ProUCL are provided in Appendix B. In cases where the 95%UCL calculation results in a value greater than the maximum concentration detected in a sample or if a 95%UCL can not be calculated because the sample size is too small, the maximum concentration was used as the EPC for that analyte in the given media.

The EPC for lead in shallow groundwater was calculated. The resulting EPC of 0.013 milligrams per liter (mg/L) is less than the action level for lead in drinking water of 0.015 mg/L (USEPA 2006). Quantifying health effects from lead exposure is evaluated differently from other COPCs. Instead of applying traditional toxicity criteria for assessing effects from lead exposures, estimations of human blood lead concentrations associated with defined exposure pathways are derived using EPA's Integrated Exposure Uptake Biokinetic (IEUBK) model. Because the EPC for lead in the shallow groundwater is less than the drinking water action level it is assumed that no adverse affects are expected at this lead level and no further analysis of lead in shallow groundwater will be performed.

The EPC for mercury in subsurface soil was calculated with the maximum detected value removed because this value was identified as an outlier. It is uncertain whether this mercury

result represents a hotspot of contamination or whether it is an analytical anomaly. Further investigation of the area immediately around sample location GTB-10 is needed to better define the extent of contamination and the potential exposure concentration to be considered in a risk evaluation.

3.5 Toxicity Assessment

The purpose of a toxicity assessment is to weigh available evidence regarding the likelihood that COPCs may cause adverse health effects in exposed humans and to provide, where possible, an estimate of the relationship between the extent of exposure to a chemical and the increased likelihood and or severity of these adverse effects. The chemical-specific parameters that are used in toxicity assessment are located in Tables 3-5a and 3-5b.

The toxicity assessment is accomplished in two steps: a hazard identification and dose-response evaluation. Chemical hazard identification consists of determining whether exposure to a particular compound may cause an increased incidence or severity of an adverse health or environmental effect.

The dose response evaluation consists of quantitatively evaluating the toxicity information and characterizing the relationship between the dose of the chemical and the incidence and severity of adverse health or environmental effects that may result from the exposure. After the evaluation, toxicity values are developed by EPA and used in the risk characterization to estimate the likelihood of adverse effects occurring under the exposure scenarios. Toxicity values have been developed by EPA and summarized in the Integrated Risk Information System (IRIS) database and Health Effects Assessment Summary Tables (HEAST).

3.5.1 Toxicity Information for Carcinogenic Effects

For carcinogens, a weight-of-evidence classification and cancer slope factor are the toxicity values used in the characterization of potential human carcinogenic risks. The relationship between exposure and the probability of developing cancer is expressed as a cancer slope factor (SF). The SF is a plausible upper-bound estimate of the probability of developing cancer per unit intake of a chemical over a lifetime. Slope factors are expressed as $(mg/kg\text{-}day)^{-1}$. The potential for carcinogenic effects is estimated by multiplying a chemical's SF by the lifetime average daily chemical intake. The slope factors for the COPCs are in Table 3-6.

The carcinogenic potential of a chemical is classified into one of the following groups according to the weight-of-evidence from epidemiological and animal studies:

- A Human carcinogen;
- B1 Probable human carcinogen -- limited evidence of carcinogenicity in humans;
- B2 Probable human carcinogen -- sufficient evidence in animals with inadequate evidence in humans;
- C Possible human carcinogen -- limited evidence of carcinogenicity in animals or lack of human data;
- D Not classifiable as to human carcinogenicity; and,
- E Evidence of non-carcinogenicity in humans.

It should be noted that arsenic is very prevalent in western soils and that background levels are often above a level that exceeds target cancer risk levels in human health risk assessments. In addition, even the maximum contaminant level (MCL) set by federal regulation results in a cancer risk that is greater than the target cancer risk used in human health risk assessment.

3.5.2 Toxicity Information for Noncarcinogenic Effects

EPA establishes a reference dose (RfD) for noncarcinogens as a result of hazard identification and dose-response evaluation. The RfD is an estimate of an exposure level that is likely to be without an appreciable risk of adverse health effects over a specified time of exposure. It is

derived from a critical study (or studies) in which the chemical administered does not cause an adverse effect or is identified as either having no effect or minimal effect. Chronic RfDs reflect a level of exposure that would not result in adverse effects when experienced for seven years to a lifetime. The RfDs for the COPCs are in Table 3-7.

The potential for non-carcinogenic effects is evaluated by comparing the chemical intake (estimated dose) to an RfD. This ratio is referred to as a hazard quotient (HQ). The HQ assumes there is a level of exposure below which it is unlikely that even sensitive populations will experience adverse effects. If exposure is equivalent to or less than the RfD, the hazard quotient will be 1.0 or less and a hazard is therefore not likely to exist. If the HQ exceeds 1.0, a hazard may be indicated. For compounds which target the same organ, HQ's are additive.

3.6 Risk Characterization

The results of the quantitative risk analysis are presented for two types of adverse health effects: cancer and non-cancer health effects. The equations and the input parameters for the equations are presented for each receptor in Tables 3-8 through 3-11.

In the case of exposure to potential carcinogens, estimates of cancer risk,are expressed as the lifetime probability of additional cancer risk associated with the given dose. Cancer risks are calculated as the cancer-based average daily exposure intake in milligrams per kilogram per day (mg/kg-day) multiplied by the slope factor ((mg/kg-d) $^{-1}$). Cancer risks for each constituent and exposure pathway contributing to exposure of the same population have been summed. In numerical terms, cancer risks are presented in scientific notation. Thus, an estimated cancer risk of 10^{-4} indicates an incremental lifetime cancer risk of one in ten thousand; an estimated cancer risk of 10^{-6} indicates an incremental lifetime cancer risk of one in one million. The cancer risk characterizations for the receptors considered in this risk assessment are shown in Tables 3-12 through 3-17 and discussed below.

For determining whether noncancer health effects may be a concern, the hazard quotient (HQ) is estimated. The HQ is calculated as the noncancer average daily exposure intake (mg/kg-day) divided by the RfD (mg/kg-day) for oral and dermal exposures. For inhalation exposure, the average daily exposure intake milligrams per cubic meter (mg/m^3) is divided by the reference concentration (RfC) in mg/m^3 to calculate the HQ. The HQs are summed across exposure pathways and constituents to calculate a hazard index (HI) for each receptor population. The noncancer hazard characterizations for the receptors considered in this risk assessment are shown in Tables 3-18 through 3-23 and discussed below.

3.6.1 Current/Future Recreational User

Adult and child recreational users are expected to be the most likely potential receptors. Tables 3-24 and 3-25 present the summary of results for exposure, cancer risk, and noncancer hazard for the adult and child recreational user receptors.

Adult Recreational User

Neither the cancer risk nor noncarcinogenic hazard exceeds IDEQ's threshold values of a cancer risk of $1x10^{-5}$ or a noncarcinogenic hazard quotient of 1.0 for the adult recreational user.

Child Recreational User

The cancer risk estimated for the child recreational user is $1x10^{-5}$, equal to IDEQ's threshold value for cancer risk. Potential ingestion of arsenic in sediment accounts for 85% of the carcinogenic risk for the child recreational user. The non-carcinogenic hazard quotient calculated for the child recreational user is 4.2, above the target hazard quotient of 1.0. Potential dermal exposure to vanadium in the sediment (50% of estimated risk) and the ore area (45% of estimated risk) are the primary sources of the potential risk to the child recreational user.

3.6.2 Future Hypothetical Resident

Adult and child residents include individuals who would live on the site and use Phosphoria Gulch and area surface water for recreational purposes. Tables 3-26 and 3-27 present the results for exposure, cancer risk, and noncancer hazard for the adult and child resident receptors.

Adult Future Resident

The cancer risk estimated for the future hypothetical adult resident is $7x10^{-5}$, greater than IDEQ's threshold value for cancer risk of $1x10^{-5}$. Potential ingestion of arsenic in groundwater accounts for 93% of the carcinogenic risk for the adult resident. The non-carcinogenic hazard quotient calculated for the future hypothetical adult resident is 1.6, above the target hazard quotient of 1.0. Ingestion of arsenic in drinking water (27% of estimated risk), and incidental ingestion of vanadium from the ore area (37% of estimated risk) are the primary sources of noncancer hazard to the future hypothetical adult resident.

Child Future Resident

The cancer risk estimated for the future hypothetical child resident is $6x10^{-5}$, greater than IDEQ's threshold value for cancer risk of $1x10^{-5}$. Potential ingestion of arsenic in groundwater accounts for 91% of the carcinogenic risk, while incidental arsenic ingestion from sediment and the ore area account for another 7% of the estimated cancer risk for the future hypothetical child resident. The noncarcinogenic hazard quotient calculated for the future hypothetical child resident is 4.6, above the target hazard quotient of 1.0. Dermal exposure to vanadium in sediment accounts for 43% of the estimated non-cancer hazard, while incidental ingestion of vanadium from the ore area (30% of estimated risk) and sediment (13% of estimated risk), and ingestion of arsenic in drinking water (10% of estimated risk) account for the remaining potential noncancer hazard to the future hypothetical child resident.

3.6.3 Future Construction Worker

Construction workers include individuals who would potentially perform construction activities at the site, including excavation. Table 3-28 presents the results for exposure, hazard and risk for the construction worker receptor.

The cancer risk estimated for the future construction worker is $5x10^{-6}$, less than IDEQ's threshold value for cancer risk of $1x10^{-5}$. The noncarcinogenic hazard quotient calculated for the future construction worker is 4.5, above the target hazard quotient of 1.0. Potential dermal exposure to vanadium in subsurface soil accounts for 93% of the estimated noncancer risk.

3.6.4 Future Nonresidential Worker

Future nonresidential workers include individuals who would work indoors in commercial/industrial activities. Table 3-29 presents the results for exposure, cancer risk, and noncancer hazard for the nonresidential worker receptor.

The cancer risk estimated for the future nonresidential worker is $7x10^{-6}$, less than IDEQ's threshold value for cancer risk of $1x10^{-5}$. The non-carcinogenic hazard quotient calculated for the adult resident is 0.7, below the target hazard quotient of 1.0.

3.7 Uncertainties in the Human Health Risk Assessment

There is a degree of uncertainty associated with the estimation of risk in a human health risk assessment. The risk estimates were calculated based on assumptions regarding exposure and toxicity. In general, the primary sources of uncertainty are environmental sampling and analysis, selection of COPCs, exposure assessment, and toxicological data. An understanding of the uncertainties associated with the risk estimates is critical to understanding the true nature of the estimated risks and to placing the estimated risks in perspective.

3.7.1 Current and Future Land Use

There is little uncertainty for the current or future land use. The recreational user is the most likely representative potential receptor for the area as the site is surrounded by National Forest and a deed restriction is proposed that would prevent the site itself from being developed. Hypothetical future residents, construction workers, and nonresidential workers were evaluated for comparative purposes.

3.7.2 Selection of COPCs

The initial full list of COPCs included all of the analytes for the SI. These COPCs were screened against protective human health screening values from IDEQ or EPA Region 9. Undetected analytes with no site history were removed from further consideration. It is possible that low-level contamination (below the method detection limit) could be present at the site and could cause the estimated risk to be higher. In addition, 2-methylnaphthalene was removed as a COPC during screening based on current IDEQ policy because of uncertainty associated with the toxicity of this analyte.

3.7.3 Environmental Sampling and Analysis

Sample collection was conducted as described in the *Site Investigation Report* (GET 2006). Because the sampling was targeted to areas of the site most likely to have contamination, it is likely that the EPCs used in the risk assessment over-estimate exposure and, therefore, risk. The completeness and representativeness of data are important in determining EPCs. Because a finite number of samples are collected, there is always some uncertainty that the concentrations are not representative and could result in an under- or over-estimation of risk. The small numbers of samples available for the media considered in this risk assessment make the representativeness and completeness of the data, and thus the appropriateness of the EPC the largest uncertainty in this risk evaluation.

Uncertainties in the contaminant concentrations at the site also include potential errors in the sampling or analytical methods, which could result in under- or over-estimation of risk. There is also uncertainty with inclusion of data that have J qualifiers in the risk calculations, as these concentrations are estimated. The effects of sampling or analytical error, and using estimated data may under- or over-estimate risks.

3.7.4 Exposure Assessment

There are several sources of uncertainty in the exposure assessment, including the calculation of EPCs, the selection of input parameters used to estimate the average daily dose (ADD) of a contaminant, and other assumptions used in the exposure models.

There is inherent uncertainty in estimating EPCs in environmental media. The 95%UCL of the mean concentration or the maximum concentration were used to estimate EPCs. This generally results in a conservative estimate of the upper range of concentrations for potential exposures and is more likely to over-estimate risk than under-estimate the risk.

An underlying assumption of risk assessment is that individuals at the site will engage in certain defined activities that would result in exposure to site COPCs. However, it is not certain that engaging in the defined activities necessarily results in an exposure or whether other activities not considered might result in exposure. The parameter values used to describe extent, frequency, and duration of exposure are associated with uncertainty. Many of the parameters used in calculating chemical intakes, such as body weight, are estimates of mean and median values. The actual values for the persons exposed could differ significantly from these values. The values used in this assessment are consistent with the IDEQ *Risk Evaluation Manual* (IDEQ 2004) or applicable EPA guidance (USEPA 1991, 1997, 2002, 2004a, 2004b, 2005). The values selected for parameters such as exposure frequency and duration, and ingestion rates, provide an upper estimate of the risk and thus likely over-estimate the actual risk.

In addition, the oral absorption factor used for the COPCs is the IDEQ default toxicity value, which assumes 100 percent absorption of COPCs (GIABS=1). This assumption is quite conservative and is very likely to over-estimate the true risk. For example, there is research to suggest that only one percent of vanadium is absorbed through the gastrointestinal tract (GIABS=0.01) (Curran and Burch 1967). Other IDEQ input parameters used that are more conservative than parameters available from EPA sources include soil fraction ingested, soil fraction contacted, and soil adherence factors.

The exposure of future hypothetical residents and nonresidential workers to indoor air exposure from volatile contaminants was not quantified in this risk assessment because this pathway is thought to pose minimal risk to the receptors based on the limited areal extent of the volatile contamination. In addition, the EPC calculated for total xylenes from the available data suggests that the total xylenes concentration is below the residential screening level for shallow subsurface soil used by the California EPA of 3.15×10^{-5} (Cal/EPA 2005). Thus, the only volatile subsurface contaminant to be considered is mercury. The sampling results for sample GTB-10 (3- to 5-fbgs) indicate a potentially significant mercury concentration two orders of magnitude above the other samples. Thus, it is possible that a hotspot of mercury contamination occurs in this area. The extent of the contamination is not known. Modeling indoor vapor intrusion results on this limited data would not produce an accurate estimate of risk.

3.7.5 Uncertainties Related to Toxicity Information

There are considerable uncertainties in identifying whether or not a compound is likely to be a potential human carcinogen and at what level of exposure an increased risk of cancer may exist. Uncertainties in quantifying the exposure level that may result in elevated carcinogenic risk for specific compounds are compensated for by using the 95th percent upper bound of the estimated slope of the line relating exposure to the probability of developing cancer as the cancer slope factors for carcinogens. The actual slope factor may be less than this value but is highly unlikely to be greater. These dose-response assumptions used provide an upper, but plausible estimate of the limit of risk when the slope factor is used to estimate risk associated with an estimated level of exposure.

The reference doses (RfD) established for COPCs are a major source of uncertainty in a risk assessment, however, as described below, the factors applied to account for this uncertainty are biased towards over-estimating toxicity and, therefore, risk. The RfD is the estimate of daily exposure that is likely to be without an appreciable risk of deleterious effects during a lifetime. RfDs are derived by the application of uncertainty factors to selected exposure levels identified in animal or human studies. Identified exposure levels are divided by these uncertainty factors to assure that the RfD will not be over-estimated. For example, an uncertainty factor of 10 is used to account for variations in human sensitivity when using data from valid human studies involving long-term exposure of average, healthy subjects. Additional uncertainty factors of 10 are applied to account for uncertainties in extrapolating from observation of toxicity in animals to predicted toxicity in humans; to account for uncertainties in identifying threshold dose from experimental data, and to account for uncertainties in extrapolating from subchronic to chronic studies. Any additional uncertainty factor or modifying factor ranging from greater than zero to less than or equal to ten may be applied to reflect professional assessment of other uncertainties that may exist in the toxicity database for a specific compound.

3.7.6 Uncertainties Related to Sediment Sampling

The number of sediment samples used in the risk evaluation is small, again creating uncertainty in the exposure point concentration calculated for sediment. Furthermore, the sediment sample collected from the clarifier (GTSED-4) appears to have more contamination than the other sediment locations collected along Georgetown Canyon Creek. It was assumed for this risk assessment that all areas of the site were accessed by receptors equally, but this assumption may be overestimating risk to the creek user as it is not certain that it is appropriate to be combining these as one exposure area.

3.8 Human Health Risk Assessment Conclusions

The results of this human health risk assessment suggest a potential cancer risk exceeding DEQ's threshold to hypothetical adult and child residents, and a potential noncarcinogenic hazard to the child recreational user, hypothetical adult and child residents, and future construction workers. The following table summarizes these potential risks:

Receptor	Potential Carcinogenic Risk	Potential Non-Carcinogenic HQ
Residential Child	6x10-5	3.96
Residential Adult	7x10-5	1.2
Recreational Child	1x10-5	4.2
Construction Worker	5x10-6	4.5

The potential carcinogenic risk to the child and adult resident is driven by arsenic in groundwater. It should be noted that the calculated EPC for arsenic in the shallow groundwater (0.0048 mg/L) is slightly below the Maximum Contaminant Level (MCL) for arsenic in drinking water (0.005 mg/L). Background groundwater samples collected from monitoring well GT-1 are also all at or below the MCL for arsenic. Furthermore, it is unclear that, given the availability of deeper groundwater in the region that is of better quality, a resident would choose to use a shallow well for their drinking water supply. It does not appear that the deep groundwater at the site has been adversely affected by site operations and the estimated risk is likely not above background levels.

Non-carcinogenic HQs are driven by exposure to vanadium in ore and soil. The ore stockpile in Phosphoria Gulch covers only 3.4 acres. Since the entire site is 87 acres, it is uncertain that the exposure point concentration calculated for the potential ore exposure is truly representative of the concentration a receptor would be exposed to at the site. However, based on the available data, the risk estimate to the child recreational user and hypothetical child resident exposed to

the ore exceeds acceptable hazard levels. The ore also is also associated with uranium levels, which could cause a radiation hazard.

Most of the risk from the sediment exposure pathways is derived from potential exposure to sediment in the clarifier. It appears from this risk evaluation that the clarifier may be attractive to human receptors and may pose potential risk to those exposed to its sediments. It does not appear that the creek sediments are highly impacted by the site, but further investigation including collection of upstream, off-site background samples is recommended to fully understand the potential risk from sediment at the site.

The estimates of subsurface soil risk indicate that there is a potential noncancer hazard to the future construction worker from vanadium. There may also be a limited area of volatile organic contamination and mercury contamination. These analytes were not evaluated quantitatively because only very limited exposure could occur given the small area affected. However, because a hotspot of mercury contamination cannot be ruled out, construction of buildings in the immediate vicinity of the mercury contamination at GTB-10 (associated with the old acid plant building) may pose a hazard to residents or workers in a future building. Institutional controls in the form of deed restrictions to prevent excavation and drilling (including drinking water wells) are proposed that would prevent the property from being developed in the future. These restrictions would prevent exposure to contamination, thus eliminating the associated hazard.

4.0 ECOLOGICAL RISK ASSESSMENT

The ecological risk assessment (ERA) for the Former Central Farmers Fertilizer Facility follows a two tiered approach consistent with USEPA ERA guidance (USEPA 1998, 2001a). Tier I is a Screening Level ERA (SLERA) that includes identification of chemicals of potential ecological concern (COPECs) and Tier II is a Baseline ERA (BERA) that characterizes the potential risks posed by the COPECS and identifies associated uncertainties.

The Tier I SLERA is a simplified risk assessment that is designed to be protective, i.e., to over-estimate rather than under-estimate risk. Any potentially significant exposure pathways or COPECs identified in the SLERA are evaluated further in a more refined Tier II BERA.

Data collected during the 2004 and 2005 SI are used in this ERA to evaluate potential risks to ecological receptors exposed to various media at the Former Central Farmers Fertilizer Facility. Soil, ore, surface water, sediment, and groundwater samples were collected. It is important to note that all of the soil samples were collected below a 1-2 foot soil cover and, therefore, are subsurface. The soil cover was borrowed from nearby areas within the boundaries of the private land unimpacted by site operations and are assumed to be clean. The three ore samples were collected at the surface and represent the ore stockpile in Phosphoria Gulch, an approximately 3.4 acre area illustrated in Figure 1-2. Metals were analyzed in all media and an extensive list of organics was analyzed in soil, surface water and one sediment sample.

4.1 Tier I Screening Level Ecological Risk Assessment (SLERA)

The Tier I SLERA for the Former Central Farmers Fertilizer Facility includes five elements:

- Review of site investigation report and regional ecological information;
- Site visit by ecological risk assessor;
- Development of an ecological conceptual site exposure model (CSEM);

- A screening level exposure estimation and risk characterization using the maximum values detected at the site for each medium and screening level ecological benchmark values; and,
- Identification of COPECs and exposure pathways to be evaluated in the Tier II BERA.

The following sections discuss regional and site-specific ecological information (4.1.1), the CSEM (4.1.2), and the screening level exposure and risk characterization that identifies COPECS and exposure pathways to be evaluated in the Tier II BERA (4.1.3).

4.1.1 Physiography, Vegetation and Wildlife

The site description, location, production information, physiography and physical setting were discussed in Section 1.0 of this report. Features of the physiography and physical setting that are pertinent to the site ecology are summarized here, along with vegetation and wildlife features. As discussed previously, the Former Central Farmers Fertilizer Facility is located seven miles east of Georgetown, Idaho, as shown on Figure 1-1. The former facility is an 87-acre site within Georgetown Canyon in Bear Lake County, with National Forest land surrounding and immediately adjacent to the site. The adjacent land is characterized by steep topography, coniferous forests, streamside riparian areas, and sagebrush-grassland habitat.

In June 2006, a Waterstone ecologist/ecological risk assessor conducted a site reconnaissance visit. During this site visit, many areas of standing or flowing surface water were observed on the site, primarily due to offsite seeps and snowmelt runoff, coming from adjacent forest land, onto the site. Georgetown Creek was observed to run underneath the site, through a 60-inch corrugated metal pipe. The integrity of this pipe is unknown. The creek enters the pipe at the northern portion of the site, and exits at the south end of the site into a steep-sided drainage lined by willows. The pipe and other site features described below are illustrated on Figure 1-2.

The central portion of the site, where most site operations occurred, is currently covered by a 1-2 foot soil cover, with soil borrowed from adjacent private land that was not impacted by the site operations. Ore is stockpiled in Phosphoria Gulch, located towards the southeastern portion of

the site. Surface water runoff from this area collects in a sediment control runoff pond near the southern end of the site. A leak in the overflow pipe allows water from the sediment control pond to empty freely into Georgetown Creek. Repairs to the overflow pipe are scheduled for August 2006 and the repairs will cause any water collected in this pond to flow over the top of the overflow. A large clarifier (210 feet across, and several feet deep) is located at the extreme south end of the site. The clarifier is a round concrete structure that, in the past, received mill waste water. It currently supports a fringe of emergent wetland vegetation. No pipes were observed leading into or out of the clarifier, however, old site maps indicate that the clarifier received mill waste water in the past.

Phosphoria Gulch Ore Pile

The following sections focus on the vegetation and wildlife common to the site area as related to development of the ecological CSEM.

Vegetation

The Pruess Range is considered part of the Middle Rocky Mountain physiographic province. This area is characterized by scenic mountain creeks bordered by aspen trees and surrounded by coniferous forest. Other habitat types that occur in the area include streamside riparian communities, dominated by shrubby willows, sagebrush-grassland areas, and

Clarifier

scattered aspen stands.

The site area receives much of its moisture from snowmelt and runoff directly onto the site, although summer thunderstorms also provide significant precipitation. Table 4-1 lists the common vegetation cover types and associated species that occur in the vicinity of the site.

Riparian Area Downstream of Site Where Georgetown Creek Exits the Corrugated Pipe

A variety of habitat types occur on the site. For example, directly upstream and downstream of the site and along the corrugated metal pipe that channels Georgetown Creek, riparian vegetation dominates, characterized by willows and dogwood. In the central portion of the site, where facility operations took place, buildings have been demolished and the area has been covered with a 1-2 foot soil cover and re-vegetated with a mixture of grasses and forbs. Plant species observed on the re-vegetated area during the June 2006 site visit include alfalfa (*Medicago sativa*), sweet clover (*Melilotus sp.*), yarrow (*Achillea millefolium*), mullein (*Verbascum Thapsus*), goldenrod (*Solidago sp.*), wild strawberry (*Fragaria virginiana*), and a variety of grasses. In many places, plants are interspersed with patches of bare ground.

Several areas of the site support wetland and marsh vegetation. For example, just east of the old furnace building near the water storage tank (Figure 1-2), a spring emanates from the mountainside and runs across the site, east of monitoring wells GT-7 and GT-8. During the site visit in June 2006, there was standing water in this

Marsh Area Formed as a Result of Spring Near Water Storage Tank

area and the area was dominated by wetland plants such as willows (*Salix exigua)*, rushes (*Juncus sp.*), cattails (*Typha latifolia*), and a variety of mosses. Aquatic organisms such as mosquito larvae, water striders, and snails were observed, and chorus frogs were heard calling. Just downstream of Phosphoria Gulch, the sedimentation pond holds standing water and wetland plants, such as horsetail (*Equisetum arvense*), willows, and cattails, dominate in this area. Chorus frogs were also heard calling in this area. At the southern end of the site, sediment buildup in the clarifier has provided substrate to support emergent wetland plants inside the perimeter and a variety of species were observed, including cattails, rushes, horsetails, and willows, with plants such as serviceberry (*Amelanchier alnifolia*), currant (*Ribes sp.*), mountain snowberry (*Symphoricarpos oreophilus*) and clumps of aspen (*Populus tremuloides*) on higher ground. Finally, there are riparian zones immediately upstream and downstream of the site, dominated by shrubby willows and red-osier dogwood (*Cornus stolonifera*). Each of these areas provide substantial habitat and cover for wildlife, as well as standing water that is attractive to wildlife.

The nearby sagebrush/grassland community occurs mainly on southwest-facing slopes on dry soils and rocky outcrops. Common species include mountain big sagebrush (*Artemesia tridentata*), silver sagebrush (*A. cana*), mountain snowberry, Oregon grape (*Mahonia repens*), and several forbs and grasses. The aspen forest type is found in the vicinity of the study area, near the stream, and in the adjacent National Forest land. The conifer forest plant community occurs at higher elevations along ridgetops and on northeast-facing slopes on National Forest land that is adjacent to the site. Dominant species in the conifer forest include lodgepole pine (*Pinus contorta*), Douglas fir (*Pseudotsuga menzeizii*), and subalpine fir (*Abies lasiocarpa)*. Understory in the conifer forest includes a variety of shrubs as well as pine grass (*Calamogrostis rubescens*) and elk sedge (*Carex geyeri*).

Standing Water in the Sediment Setting Pond

Wildlife

Mammals

Bear Lake County has over 80 different species of mammals occupying the county's wide variety of habitats. The Idaho Department of Fish and Game manages wildlife populations and the U.S. Department of Agriculture - Forest Service, Bureau of Land Management, U.S. Army Corps of Engineers, and Idaho Department of Lands are responsible for wildlife habitats on lands they manage.

Because of the diverse, interspersed habitat types, availability of water, rugged topography, and limited human access, Bear Lake County is an important area for large game, including mule deer (*Odocoileus hemionus*), Rocky Mountain elk (*Cervus elaphus*), and moose (*Alces alces*). Elk and mule deer are the two most common large mammals that occur in the Former Central Farmers Fertilizer Facility study area, and tracks and scat from both species were observed during the June 2006 site visit. All three species can be found within and around the area during spring, summer, and fall. Elk prefer sagebrush-grass and mountain brush habitats during winter, sagebrush-grass and aspen habitats in spring, aspen habitats in summer, and conifer habitats during fall. Mule deer prefer mountain brush and riparian vegetation during winter; mountain brush, riparian, aspen, and aspen/conifer habitats during spring and summer; and aspen and conifer during the fall. Bear Lake County contains critical winter habitat for both deer and elk.

Moose prefer aspen and conifer types during the winter, summer, and fall, and aspen in spring. Moose can also be found throughout the county at any time of the year. Moose in the area do not concentrate in specific wintering areas, but are widely dispersed in aspen and conifer communities year-round. They tend to stay within a small home range and are well adapted for foraging in deep snow.

Several other mammalian species are known or expected to occur within the county and, depending on habitat availability, may occur within the Former Central Farmers Fertilizer Facility study area. Species that may occur include several members of the rodent family; various bats; coyote (*Canis latrans*); badger (*Taxidea taxus*); bobcat (*Lynx rufus*); mountain cottontail

(*Sylviiagus nuttalli*); and large mammals including black bear (*Ursus americanus*), and mountain lion (*Felis concolor*). The majority of the carnivores found in the area feed on small mammals and birds and use most of the habitat types in the area. Other mammals documented within the county include beaver (*Castor canadensis*), porcupine (*Erethizon dorsatum*), snowshoe hare (*Lepus americanus*), northern pocket gopher (*Thomomys armatus*), yellow pine chipmunk (*Eutamius amoenus*), and least chipmunk (*Eutamius minimus*). Evidence of small mammal burrows was observed during the site visit in June 2006. The burrows occur primarily in the central portion of the site, in the re-vegetated cover, and along the northern fence line.

Birds

Special status raptor species found in the county include: northern goshawk (*Accipter gentiles*), boreal owl *(Aegolius funereus),* flammulated owl *(Otus flammeolus),* and great gray owl (*Strix nebulosa).* Other raptors found in the county include American kestrel (*Falco sparverius*), great-horned owl (*Bubo virgianus*), and red-tailed hawk (*Buteo jamaicensis*). Three red-tailed hawks were observed during the June 2006 site reconnaisance. Other raptors, such as golden eagle (*Aquila chrysaetos*), Cooper's hawk (*Accipiter cooperii*), and sharp-shinned hawk *(Accipiter striatus*) may nest in the aspen or conifer stands, or forage within the various vegetation types throughout the county.

Canada geese (*Branta canadensis*), curlews (*Numenius* spp.), and other waterfowl nest in the county. Shorebirds such as sandpipers (*Calidris* spp.), avocets (*Recurvirostra* spp.), and willets (*Catoptrophorus semipalmatus*) can also be found. Several spotted sandpipers were observed using the wetland areas onsite during the June 2006 site reconnaissance. A summary of migratory birds observed in the county and their associated habitat types is provided in Table 4-2. Upland birds present in Bear Lake County include: blue grouse (*Dendragapus obscurus*), spruce grouse (*Falcipennis canadensis*), sharp-tailed grouse (*Tympanuchus phasianellus columbianus*), chukar partridge (*Alectoris chukar*), gray partridge (*Perdix perdix*), California quail (*Callipepla californica*), mountain quail (*Oreortyx pictus*), and ring-necked pheasant (*Phasianus colchicus*).

Aquatic Organisms

While no specific benthic surveys were conducted, numerous aquatic macroinvertebrates were observed and Georgetown Creek appears to support a healthy aquatic invertebrate community. Trout have been observed in Georgetown Creek approximately two miles downstream, however, in the vicinity of the site, no fish have been observed and the creek usually dries up in the fall.

4.1.2 Ecological Conceptual Site Exposure Model (CSEM)

The CSEM identifies sources of contamination on the site, release mechanisms, exposure pathways, and ecological receptor feeding guilds. Feeding guilds and representative receptor species are identified based on a review of regional ecological information and the SI and on the June 2006 site reconnaissance.

A CSEM for ecological receptors needs to consider the following:

- Ecological setting, habitat types and potential ecological receptors;
- Sources of contamination;
- Chemical fate and transport mechanisms that might exist at the site;
- Potentially complete exposure pathways at the site (a complete exposure pathway is one in which the contaminant can be traced from the source to a receptor); and,
- Potentially exposed populations.

Food webs are the basis for CSEMs and are organized by feeding guilds. Feeding guilds are linked based on dietary relationships. CSEMs are meant to illustrate how chemicals have the potential to be transferred within an ecosystem. The various food chains represent potential COPEC exposure pathways. The importance of a food chain as a dietary exposure pathway depends on the dietary habits of the receptor. The producer and consumer boxes in the ecological CSEM in Figure 4-1 represent the feeding guilds that can occur at the Former Central Farmer's Fertilizer Facility.

Source Areas and Transport Mechanisms

The primary sources of contamination at the Central Farmer's Fertilizer Facility are a result of onsite ore storage and former facility operation spills and leaks. As shown on Figure 4-1, the primary transport mechanisms considered for this ERA are releases from surficial soil contamination and exposed ore piles to air, surface and subsurface soil, and surface water. Secondary transport from soil and surface water to sediment is also considered.

Exposure Areas and Indirect Pathways

Separate areas of the Former Central Farmer Fertilizer Facility may serve as distinct areas of exposure to wildlife receptors. These include:

- Surface and subsurface soil throughout the site;
- Ore from storage piles in Phosphoria Gulch (approximately 3.4 acres);
- Surface water and sediment in Georgetown Creek; and,
- Surface water and sediment contained in the clarifier.

In addition, terrestrial and aquatic plants may take up chemicals and become an exposure media when consumed by wildlife. Terrestrial wildlife and aquatic organisms can ingest chemicals through incidental ingestion of contaminated soil, sediment, water, or dietary items. Some chemicals may accumulate up the food chain to higher trophic level species.

4.1.3 Screening Level Exposure Estimation and Risk Characterization

The screening level exposure estimation and risk characterization is a conservative approach to identifying those chemicals that pose no risk to ecological receptors and ensuring that those chemicals can confidently be eliminated from further consideration. All site data were reviewed, and the maximum concentration of each analyte, in each medium, was compared to conservative ecological benchmark values to determine if any chemicals could confidently be eliminated from further consideration.

Currently, a variety of sources are available for ecological benchmark values. One of the most comprehensive summaries of ecological benchmarks was developed by Efroymson, Suter, Sample and Jones, all well known authors in the field of ecological risk assessment and the source of many ecological screening benchmarks used by others. Although the document is entitled *Preliminary Remediation Goals for Ecological Endpoints*, the methods they used for each medium consistently involved reviewing a variety of ecological screening benchmarks from USEPA and others and selecting the most conservative benchmark as the preliminary remediation goal. When ecological endpoints from ORNL were not available for a particular chemical or medium, other sources of ecological benchmarks were used.

The following hierarchy was used to select ecological benchmarks:

1. Oak Ridge National Laboratories (ORNL) Preliminary Remediation Goals for Ecological Endpoints, August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
2. USEPA. 2001 Ecological Screening Values. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecolbul.htm)
3. NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
4. Wyoming Department of Environmental Quality Fact Sheet 19, Technical Memo 3, Tables 1-4, 3 March 2005, Ecological Risk Based Screening Criteria

In addition, several other factors were considered to determine whether a chemical could confidently be eliminated from further consideration or if it should be evaluated in greater detail. Because the organic analyte list was extensive and not site-specific, 130 out of 136 organic analytes were not detected. This can be an indication that the chemical does not occur at the site. For the inorganic constituents, a metal may be detected but the concentrations could be within the range of local background concentrations in that medium.

The factors considered in the initial selection of COPECs, in addition to comparison to ecological benchmarks, include:

- If the analyte is a nutrient, it was eliminated from further consideration (nutrients are defined here as calcium, magnesium, sodium, chloride, potassium, sulfate, and nitrate/nitrite as N);
- If the maximum reported result for an analyte is less than the maximum reported background concentration for that medium, it was eliminated from further consideration;
- If an analyte is not detected and the maximum detection limit is less than two times the screening value, it was eliminated from further consideration;
- If an analyte is not detected and there is no screening value available, it was eliminated from further consideration. Sixty two out of 136 organic analytes were excluded based on this criteria alone for soil, 70 out of 136 for sediment and 47 out of 137 for surface water; and,
- If an analyte has no site history and was not detected, it was eliminated from further consideration. Fifty four out of 159 analytes were excluded based on this criteria for soil, 65 out of 136 for sediment and 38 out of 137 for surface water.

Tables 4-3 through 4-6 show the details of the screening level exposure estimation and risk characterization for soils, ore, sediments, and surface water, respectively. COPECs retained for further evaluation for the Central Farmer's Fertilizer Facility are summarized by medium in Table 4-7.

Table 4-8 summarizes the list of analytes that would be carried through to the Tier II baseline ecological risk assessment and daily dose calculations, based on the criteria listed above. The list includes 20 inorganic and 20 organic analytes.

Considering the organic analytes, fifteen were not detected in any media. However, it is noted that for surface water twelve out of these fifteen had hazard quotients (HQs) > 1.0. This problem arises when the method detection limit (MDL) is larger than the screening criteria. The sediment HQs for these twelve analytes was < 1.0 in all but one case (dibenzo(a,h)anthracene). We

would normally expect sediment HQs to correlate with surface water HQs, given the relationship between the media. We conclude that HQs > 1.0 for surface water are caused by the use of a large MDL rather than by analyte presence at a concentration below MDL but above screening criteria. Conversly, of the fifteen analytes not detected, three sediment HQs were above 1.0 but there was no corresponding surface water HQ > 1.0. We conclude that MDLs were high in the case of surface water and to a lesser extent sediment, and that the 15 analytes undetected were undetected because they were not present.

We are also excluding methylene chloride because it is a known lab contaminant. This leaves 1,2,4-trimethylbenzene, Aroclor 1260, benzoic acid and di-n-octyl phthalate.

We are excluding 1,2,4-trimethylbenzene because it was detected only once in all media, in one of four soil samples. The result of 8 ug/kg is twice the MDL of 4 ug/kg. The analyte has no ecological screening value.

We are excluding benzoic acid because does not have a site history. It was detected only three times in all media, in three of seven soil samples. The results of 600, 700 and 700 ug/kg are roughly twice the MDL of 300 ug/kg. The analyte has no ecological screening value.

We are excluding di-n-octyl phthalate because it does not have a site history. It was detected twice in all media, in two of 7 soil samples. The results of 190 and 200 ug/kg are approximately two times the MDL of 90 ug/kg. The analyte has no ecological screening value.

Aroclor 1260 was detected in 2 out of 7 soil samples at locations GTSO-7 and GTB-8 with concentrations of 90 and 620 ug/kg giving HQs of 4.5 and 31 respectively. The screening value is 20 ug/kg, less than the minimum detection limit of 30 ug/kg. GTSO-7 and GTB-8 are both located near the old shop building. The detection of Aroclor 1260 only at this location indicates a potential isolated source for the analyte. We are therefore not carrying the analyte through a facility wide baseline ecological risk assessment but will identify the location as an area of concern.

4.2 Tier II Baseline Ecological Risk Assessment (BERA)

The Tier II BERA incorporates food chain modeling to evaluate risk to ecological receptors. The use of a food chain exposure model permits calculation of exposure point concentrations for dietary items for birds and mammals that have the potential to occur on the site. The purpose of the food chain model is to estimate the daily doses of COPECs to ecological receptors exposed to contaminants through the food chain, in addition to exposure via incidental ingestion of soil, sediments, eroded ore, and surface water. These estimated doses are compared to toxicity reference values (TRVs) (acceptable doses) to generate a hazard quotient (HQ) as an estimate of risk.

4.2.1 Ecological Receptors

The Tier II BERA estimates exposure to the feeding guilds and representative receptor species based on regional ecological information and observations of species using the site during the 2006 site survey. The feeding guilds, receptor species, and exposure pathways evaluated in this ERA are shown on Table 4-9.

4.2.2 Assessment and Measurement Endpoints

Regional ecological information and information obtained during the June 2006 site reconnaissance was used to further refine the feeding guilds and receptors likely to occur at the Former Central Farmer's Fertilizer Facility and identify assessment and measurement endpoints and associated receptors. Figure 4-1 illustrates the feeding guilds and receptors directly or indirectly assessed for this ERA.

Table 4-10 identifies the assessment endpoints and associated receptors for this site. The following measurement endpoints are the same for each receptor:

- Measurement of COPEC concentrations in environmental media; and,

- Modeled chemical levels in food items to calculate a potential dose and compare this dose to appropriate toxicity threshold values.

4.2.3 Exposure Point Concentrations

Environmental Media

Environmental media exposure point concentrations were developed, as follows, based on the number of sample results available for each COPEC for each media:

- Soil: 95% UCLs;
- Ore: maximum detected values;
- Surface water: 95% UCLs; and,
- Sediment: maximum detected values.

A data adequacy table showing summary statistics, including 95% UCLs, is provided in Table 4-11. A summary of the analyte concentrations used in daily dose calculations is shown in Table 4-12.

Modeled Tissue Concentrations

To estimate doses to wildlife receptors, chemical concentrations in their food or prev must be measured or estimated. Ideally, plants and prey items are sampled and analyzed to provide these values. Because plants and prey items were not collected at the Central Farmer's Fertilizer Facility, bioaccumulation factors (BAFs) were used to estimate tissue concentrations in these organisms. BAFs used in the food chain models are provided on Table 4-13. All of the COPECS in Tier 2 are Inorganics, which do not typically bioaccumulate. Therefore, if BAF values were not available, a BAF of 0.5 was assumed.

4.2.4 Exposure Parameters

Exposure parameters include species-specific body weights, dietary compositions, daily food ingestion rates, daily water ingestion rates, daily soil or sediment ingestion rates, and site use factors. Mean exposure parameters and site use factors are summarized in Table 4-14.

Site use factors were determined based on average home range values. For receptors with small home ranges, a site use factor of one assumes that the receptor spends 100% of its time in the exposure area. This is the case for the chipping sparrow, eastern cottontail, American robin, deer mouse, song sparrow, and spotted sandpiper. Due to their small home ranges, it is conceivable that an individual could spend all of its time within the confines of the site boundaries. Conversely, for wider ranging species, the area of the site (87 acres) was divided by the average home range to derive an estimate of its use of the site. This is the case for mallard, raccoon, coyote, and red-tailed hawk. Site use factors for the ore stockpile were calculated separately and based on a total ore pile area of 3.4 acres.

4.2.5 Toxicity Reference Values

Toxicity reference values (TRVs) represent the minimal daily intake that is likely to have an adverse effect upon receptor organisms, or conversely, the maximum daily intake that is unlikely to have an adverse effect upon receptor organisms. TRVs for birds and mammals are provided in Table 4-15. These TRVs were allometrically adjusted for the receptor species evaluated in this ERA. Allometrically adjusted TRVs are calcuated in Tables 4-13 to 4-21. Allometric adjustment or body mass scaling adjusts the TRV from the body mass of the test species used to derive a TRV to the body mass of the species being evaluated. Total daily doses were then compared with the adjusted TRVs to calculate an analyte and feeding guild-specific hazard quotient (HQ) as an estimate of ecological risk.

4.2.6 Ecological Risk Assessment Summary

The daily dose and HQ calculations are shown in Tables 4-16 to 4-25 and summary of HQs is shown in Table 4-26. Food chain equations were run two ways, assuming the primary exposure is from site soils, and assuming the primary exposure is from the ore piles. As can be expected, results varied for the two scenarios. Using site soils as the primary exposure medium, results of the exposure assessment clearly illustrate that ecological risk at the Central Farmer's Fertilizer Facility is driven primarily by zinc and, to a lesser extent, by cadmium and chromium HQs greater than one for the deer mouse range from 1.4 for arsenic to 15.3 for thallium. Many of

these COPECs had HQs only slightly above one for the deer mouse (e.g., HQs for antimony, arsenic, barium, molybdenum, selenium and zinc ranged from 1.4 to 4.4). Cadmium and vanadium had HQs of 10.4 and 10.0, respectively, while thallium had an HQ of 15.3. Similarly, the American robin showed risk from exposure to several COPECs. Zinc had an HQ of 58.9, while lead, selenium and mercury had HQs of 6.4, 5.2 and 9.4, respectively, and cadmium and chromium were 18.2 and 18.6, respectively. Other receptors varied in the estimates of risk from exposure to site COPECs. For example, the northern bobwhite (surrogate for the chipping sparrow) shows risk from exposure to cadmium, chromium, lead, selenium, mercury and zinc, with HQs ranging from 1.9 for selenium to 14.9 for zinc. The eastern cottontail shows risk from exposure to molybdenum, thallium and vanadium, with HQs ranging from 1.3 for molybdenum to 4.1 for vanadium. The song sparrow shows risk from exposure to chromium, lead, mercury, selenium, and zinc, with HQs ranging from 1.5 for selenium to 9.7 for lead. The spotted sandpiper shows risk from exposure to cadmium, chromium, lead, mercury, selenium, and zinc, with HQs ranging from 2.2 for lead to 28.6 for zinc.

Except for the coyote and red-tailed hawk, most of the target receptor species are estimated to have some risk from four inorganic analytes (with HQs > 10.0): cadmium, chromium, thallium, and zinc, and to a lesser extent, from four inorganic analytes (HQs < 10.0 and >5): lead, mercury, selenium and vanadium.

4.2.7 Uncertainties Assessment

Backgound Sample Locations

Background soil sampling locations are identified in the Draft Final Site Investigation Report as GTSO-1 to GTSO-4 and, for the ERA, GTSED-1 was selected as the background sediment location and GTSW-1 was selected as the background surface water location, both being upstream at the north edge of the site.

TRV for Chromium

The TRV values for chromium are highly dependent on the oxidation state. TRVs are lower for hexavalent Cr +6 than the naturally occuring trivalent Cr +3. For example, for the rat, NOAELs

were calculated as 2737 mg/kg/d for Cr +3 and 3.28mg/kg/d for Cr +6 (ORNL 1996). The values for birds are not as well developed and may be conservative. The TRV used in this ERA is 1 mg/kg/d, a Cr+3 NOAEL developed for the black duck.

Bioaccumulation Factors

For the thirteen analytes with HQs > 1.0, there is a full set of BAFs for cadmium, chromium, selenium, vanadium and zinc only. In cases where bioaccumulation factors (BAF) could not be found, the BAF was assumed to be 0.5. Apart from mercury, which is known to be bioaccumulative, this assumption is conservative. It is difficult to quantify this uncertainty, however, excluding BAFs involving surface water (affecting the mallard, raccoon, coyote and red-tailed hawk – receptors showing little or no risk, see table 4-25), the average BAF is 0.494, indicating that a BAF assumption of 0.5 is reasonable.

Soil Cover

Surface soil samples include soils that were obtained from the upper 12 inch soil layer but taken from beneath the soil cover placed by Nu-West in 2001. The uncertainty about the exact depth and extent of this cover layer leads to uncertainty because we may be over estimating exposure to contaminated soils for non-burrowing species.

Media Concentrations Used

The media concentrations used in daily dose equations are shown in Table 4-12. We were able to calculate 95% UCL concentrations for soil and surface water given the large sample sizes (see Tables 4-3 and 4-6). The sample sizes from ore and sediment media was small (3 and 4 samples respectively) so the maximum concentrations were used. Using the maximum rather than 95% UCL concentration is likely conservative and we may have over estimated exposure.

4.3 Ecological Risk Assessment Conclusions

The results of this ecological risk assessment suggest that a potential risk exists for some ecological receptor guilds. An HQ of 10 is a value often used as a benchmark for potential population level risks. From Table 4-26, and ignoring the contribution from the small 3.4 acre ore stockpile, the following table summarizes those species that have an HQ above 10.

Analyte	Hazard Quotients Based on Mean Exposure Parameters			
	Northern Bobwhite	American Robin	Deer Mouse	Spotted Sandpiper
Cadmium	3.8	18.2	10.4	10.6
Chromium	5.5	18.6	0.0	9.6
Thallium	*	*	15.3	*
Zinc	14.9	58.9	1.9	28.6

* Avian TRVs not available, HQ not calculated

The zinc HQs are primarily due to results from two soil borings (GTB-01 and GTB-03), located in the slurry pit area (Figure 1-2). These two samples had concentrations of zinc an order of magnitude greater than any other location at the site. If soil exposure point concentrations were recalculated without these two values, the zinc HQs would be significantly reduced. In addition, surface water and sediment concentrations for zinc, cadmium and chromium at the clarifier and sediment control runoff pond (Figure 1-2) are also larger than elsewhere at the site. The potential risk from thallium is related to the ore and the slurry pit.

Given the fact that environmental sampling at the site was very biased towards areas of suspected contamination and the many conservative assumptions that are used in ecological risk assessments, the overall potential ecological risk at the site is relatively low. In addition, most of the risk is driven by soil concentrations in locations that have been covered by 1-2 feet of clean soil and, therefore, are not actually accessible to most ecological receptors. In addition, the surface water and sediment concentrations in the sediment control pond and the clarifier, while above screening values, do not, when considered in conjunction with other surface water and sediment locations at the site, pose an unacceptable risk for the higher trophic levels evaluated for surface water and sediment, as represented by the mallard, raccoon, coyote and red-tailed hawk.

Finally, the Tier 1 screening results also suggested isolated detections of Aroclor 1260 located near the old shop building, as indicated by samples taken at locations GTSO-7 and GTB-8. The highest concentration, at GTB-8, was 31 times the ecological screening concentration.

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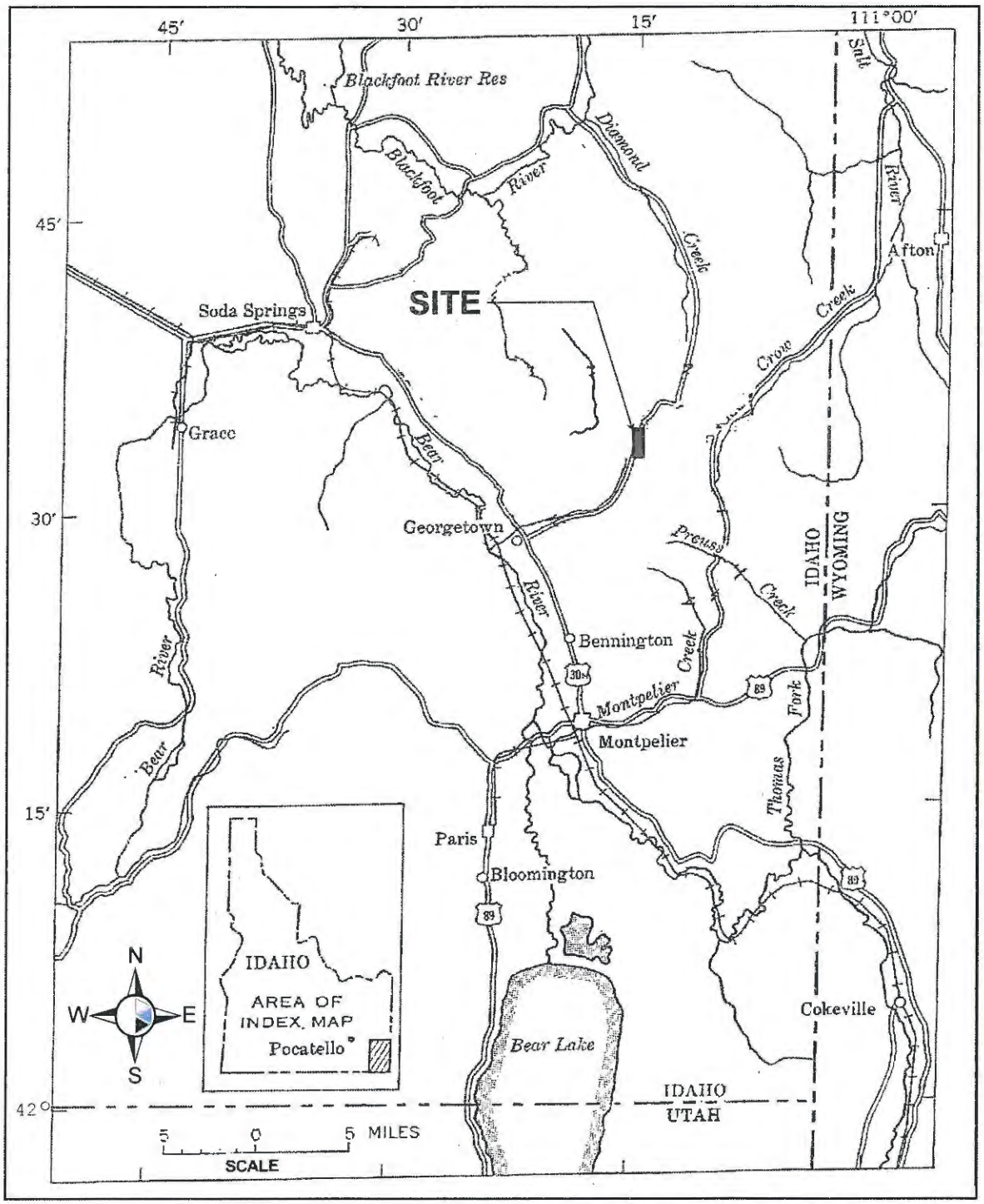
FIGURES



CENTRAL FARMERS FERTILIZER FACILITY
Georgetown Canyon, Idaho

FIGURE 1-1
Site Location Map

WATERSTONE
Environmental Hydrology and Engineering, Inc.
1050 S. Walnut St., Suite 500 Boulder, CO 80302

Global Environmental Technologies, LLC. (GET). 2006.
Site Investigation Report Central Farmers Fertilizer Facility
in Georgetown Canyon, Idaho. Draft Final..
Prepared for Nu-West Industries, Inc.
and Nu-West Mining, Inc.
January 27.

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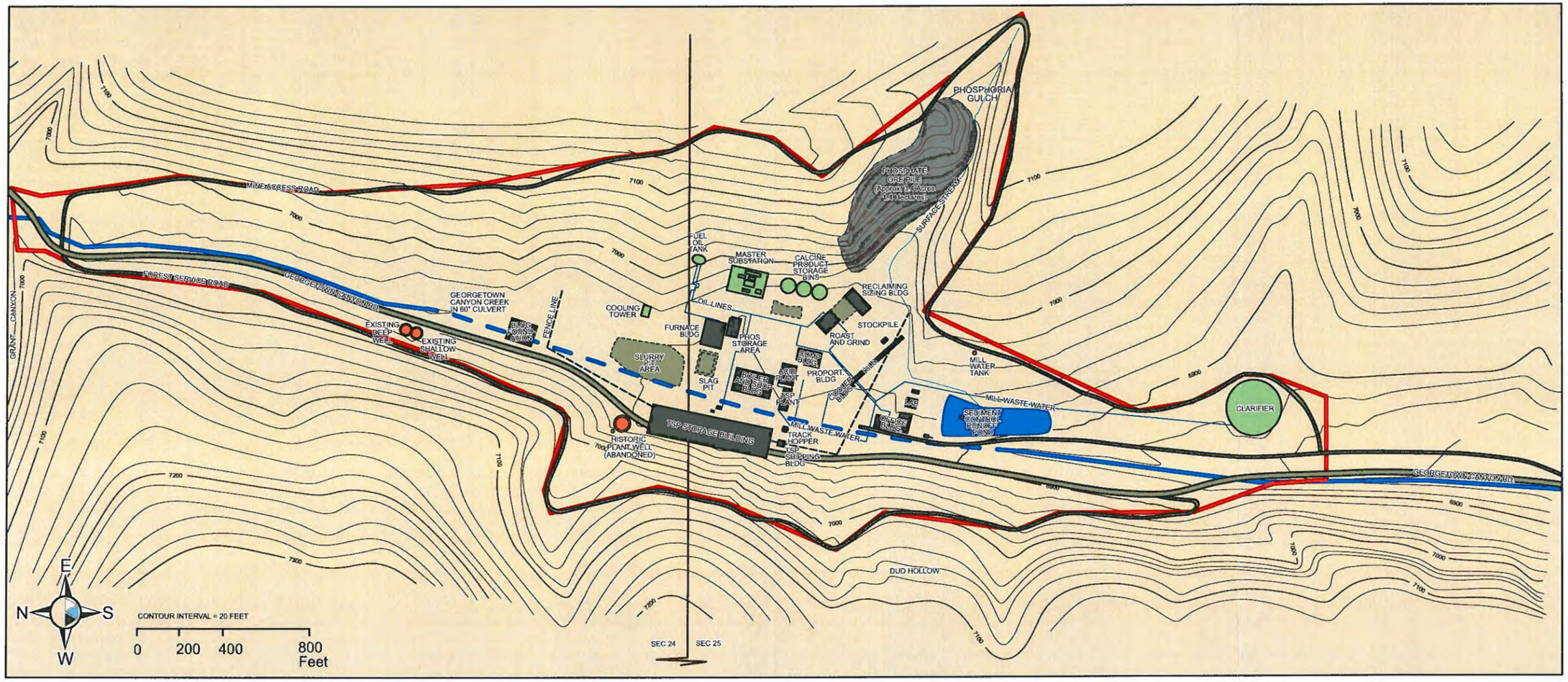

LEGEND

- ROAD
- CREEK IN CULVERT
- CREEK
- FENCE
- SITE BOUNDARY
- WASTEWATER & FUEL LINES
- LANDFILLS/PITS
- PHOSPHATE ORE PILE
- BUILDINGS
- STATIONS/ TANKS/TOWERS
- WELLS

REFERENCES:

U.S.G.S., HARRINGTON PEAK, IDAHO 15 MINUTE SERIES QUADRANGLE, 1970, PHOTOINSPECTED 1980.

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CENTRAL FARMERS FERTILIZER FACILITY

Georgetown Canyon, Idaho

FIGURE 1-2

Site Features Map

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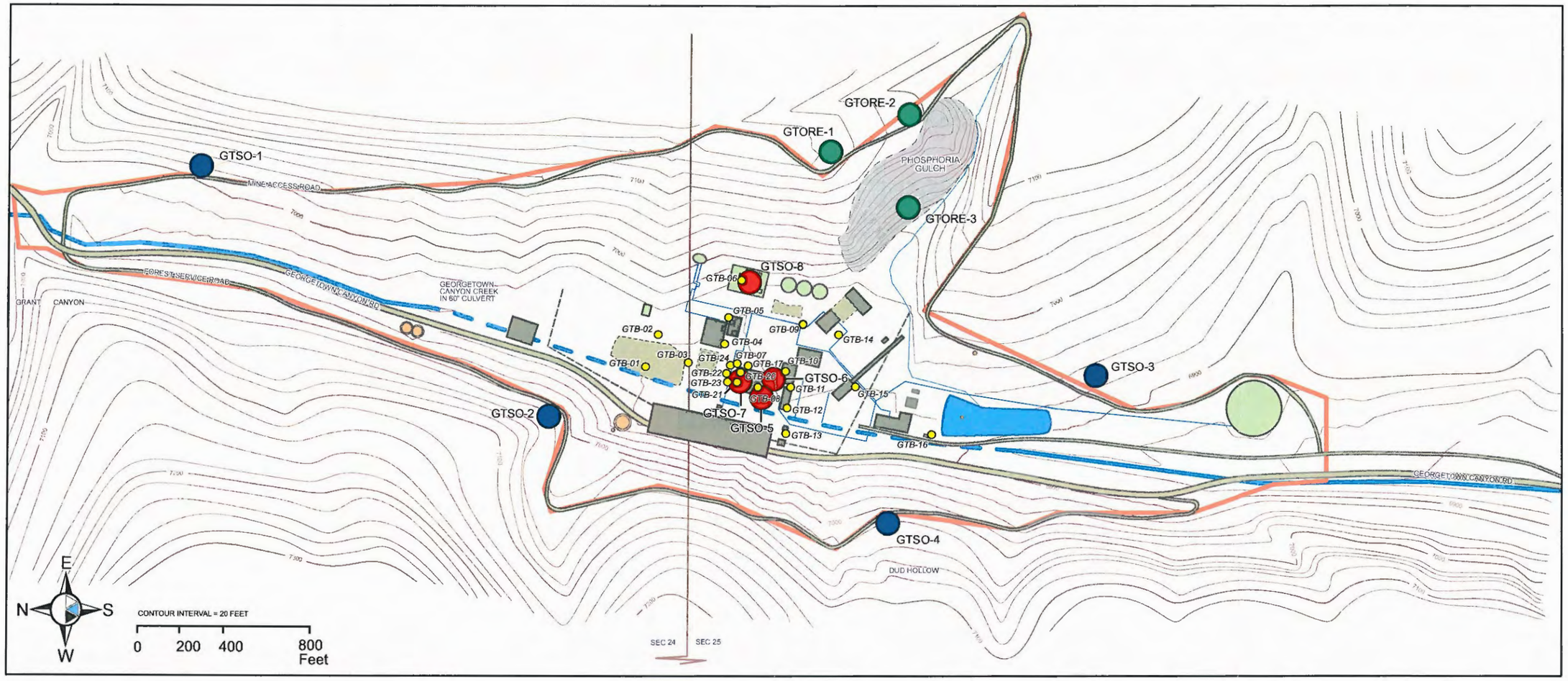

LEGEND

- BACKGROUND SOIL SAMPLING LOCATION
- SUBSURFACE SOIL SAMPLING LOCATION
- ORE STOCKPILE SAMPLING LOCATION
- SOIL BORING LOCATION
- BUILDINGS
- STATIONS/ TANKS/TOWERS
- WELLS
- ROAD
- CREEK IN CULVERT
- CREEK
- FENCE
- SITE BOUNDARY
- WASTEWATER & FUEL LINES
- LANDFILLS/PITS
- PHOSPHATE ORE PILE

REFERENCES:
U.S.G.S., HARRINGTON PEAK, IDAHO
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INC., SEC 25, T10S., R.44 E.B.M.,
HARPER-LEAVITT ENGINEERS, INC, JAN 13, 2003

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CANYON-SNOWDRIFT MOUNTAIN
AREA, SOUTHEASTERN IDAHO -
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in Georgetown Canyon, Idaho. Draft Final.
Prepared for Nu-West Industries, Inc. and Nu-West Mining, Inc.
January 27.

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Georgetown Canyon, Idaho

FIGURE 2-1
Subsurface Soil, Ore Stockpile, and Background Soil Sample Sites

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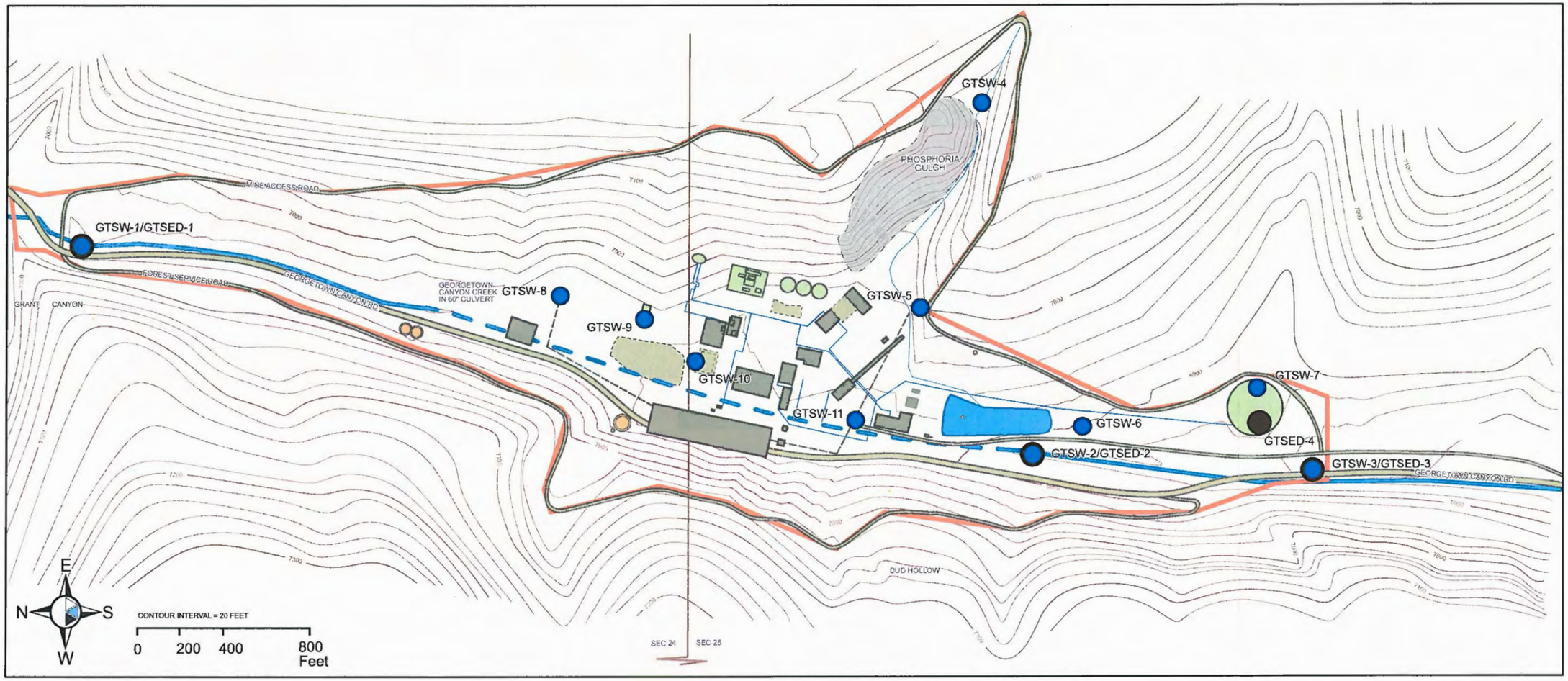

LEGEND

- SEDIMENT SAMPLING LOCATION
- SURFACE WATER SAMPLING LOCATION
- BUILDINGS
- STATIONS/ TANKS/TOWERS
- WELLS
- PHOSPHATE ORE PILE
- ROAD
- CREEK IN CULVERT
- CREEK
- FENCE
- SITE BOUNDARY
- WASTEWATER & FUEL LINES
- LANDFILLS/PITS

REFERENCES:

U.S.G.S., HARRINGTON PEAK, IDAHO 15 MINUTE SERIES QUADRANGLE, 1970, PHOTOINSPECTED 1980.

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CENTRAL FARMERS FERTILIZER FACILITY

Georgetown Canyon, Idaho

FIGURE 2-2

Surface Water and Sediment Sample Sites

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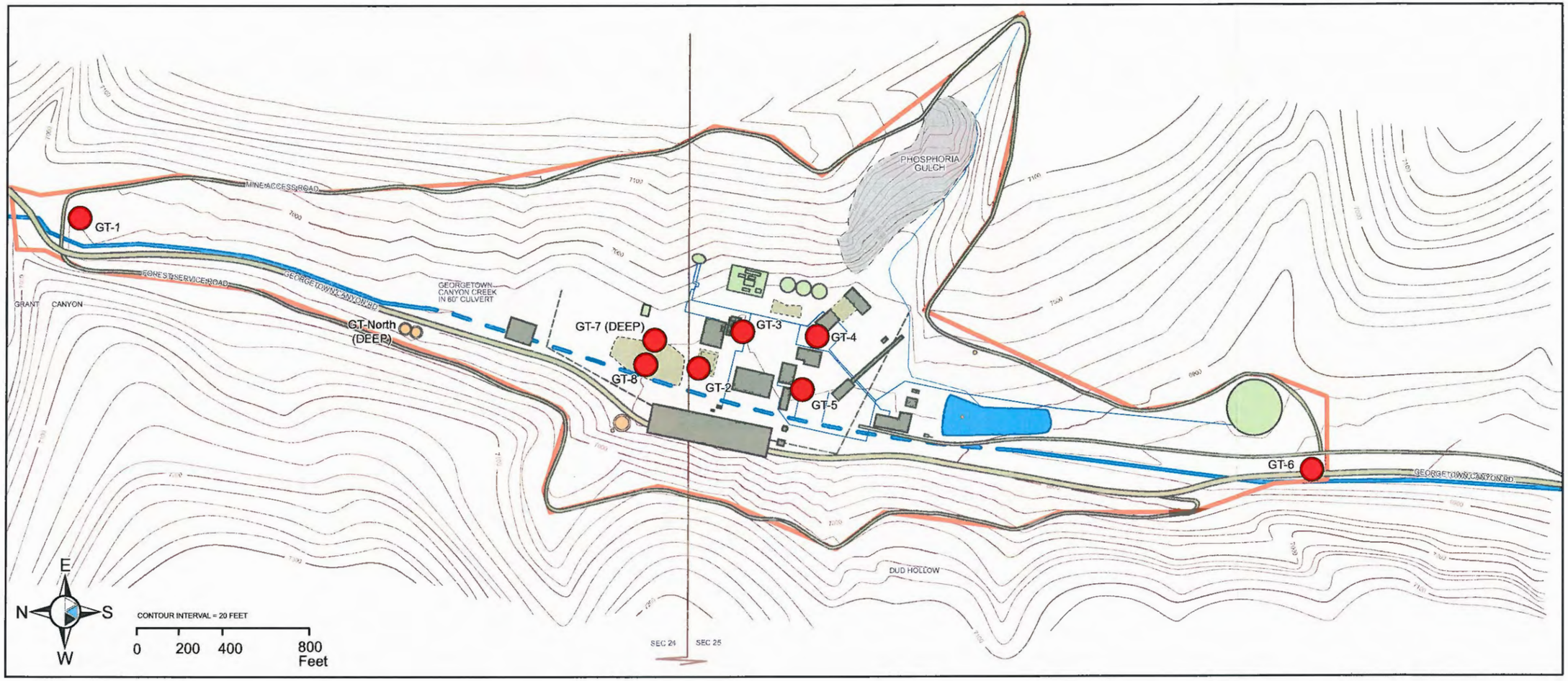

LEGEND

- SAMPLED WELLS
- BUILDINGS
- STATIONS/ TANKS/TOWERS
- WELLS
- LANDFILLS/PITS
- PHOSPHATE ORE PILE
- ROAD
- CREEK IN CULVERT
- CREEK
- FENCE
- SITE BOUNDARY
- WASTEWATER & FUEL LINES

REFERENCES:

U.S.G.S., HARRINGTON PEAK, IDAHO 15 MINUTE SERIES QUADRANGLE, 1970, PHOTOINSPECTED 1980.

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CENTRAL FARMERS FERTILIZER FACILITY

Georgetown Canyon, Idaho

FIGURE 2-3

Groundwater Sampling Locations

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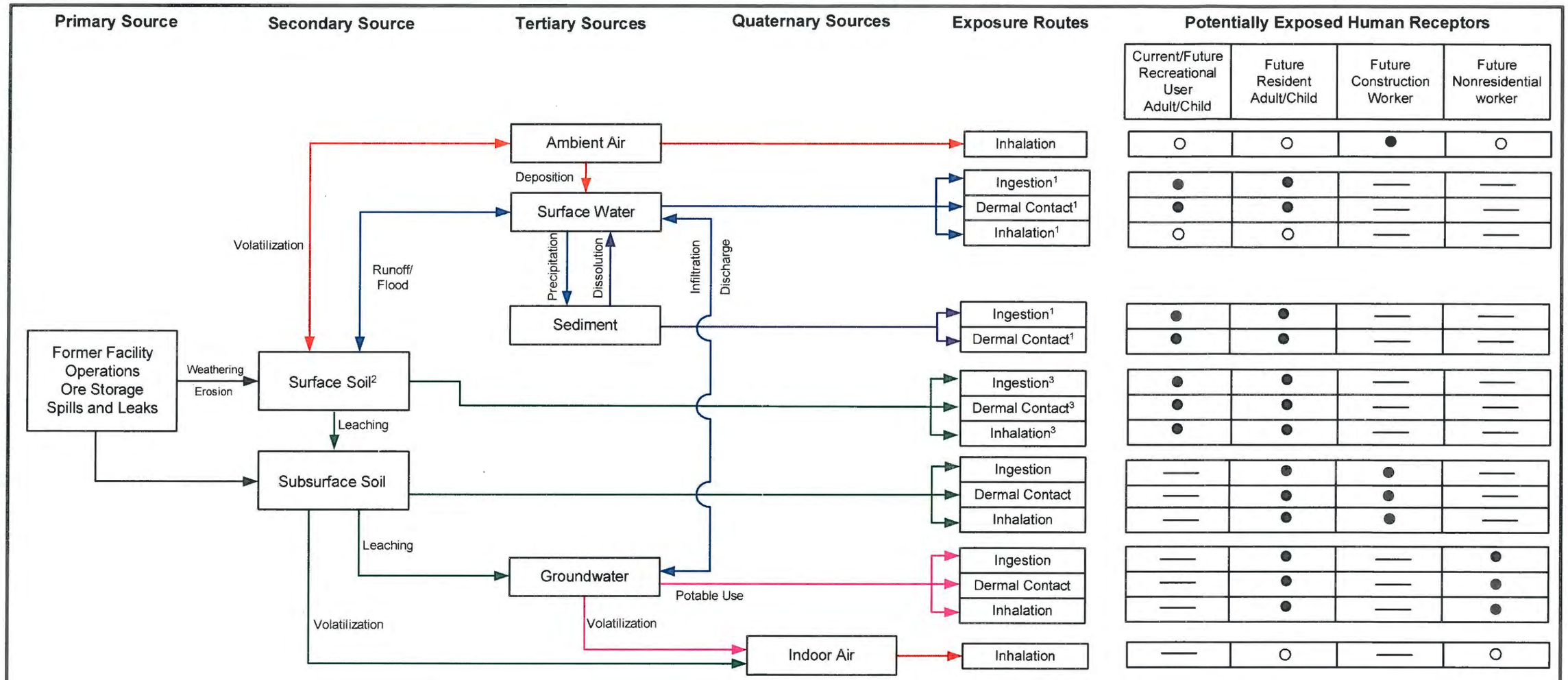


Air Pathway
Surface Water Pathway
Sediment Pathway
Soil Pathway
Groundwater Pathway

Notes:
1. Includes exposure during recreational activities only.
2. The site has been cover with 1-foot of clean soil, thus direct pathways to surface soil are incomplete except in the ore area of Phosphoria Gulch.
3. Includes exposure to ore area during recreational activities only.

● = Potentially complete exposure pathway-considered quantitatively

○ = Potentially complete exposure pathway-consided qualitatively

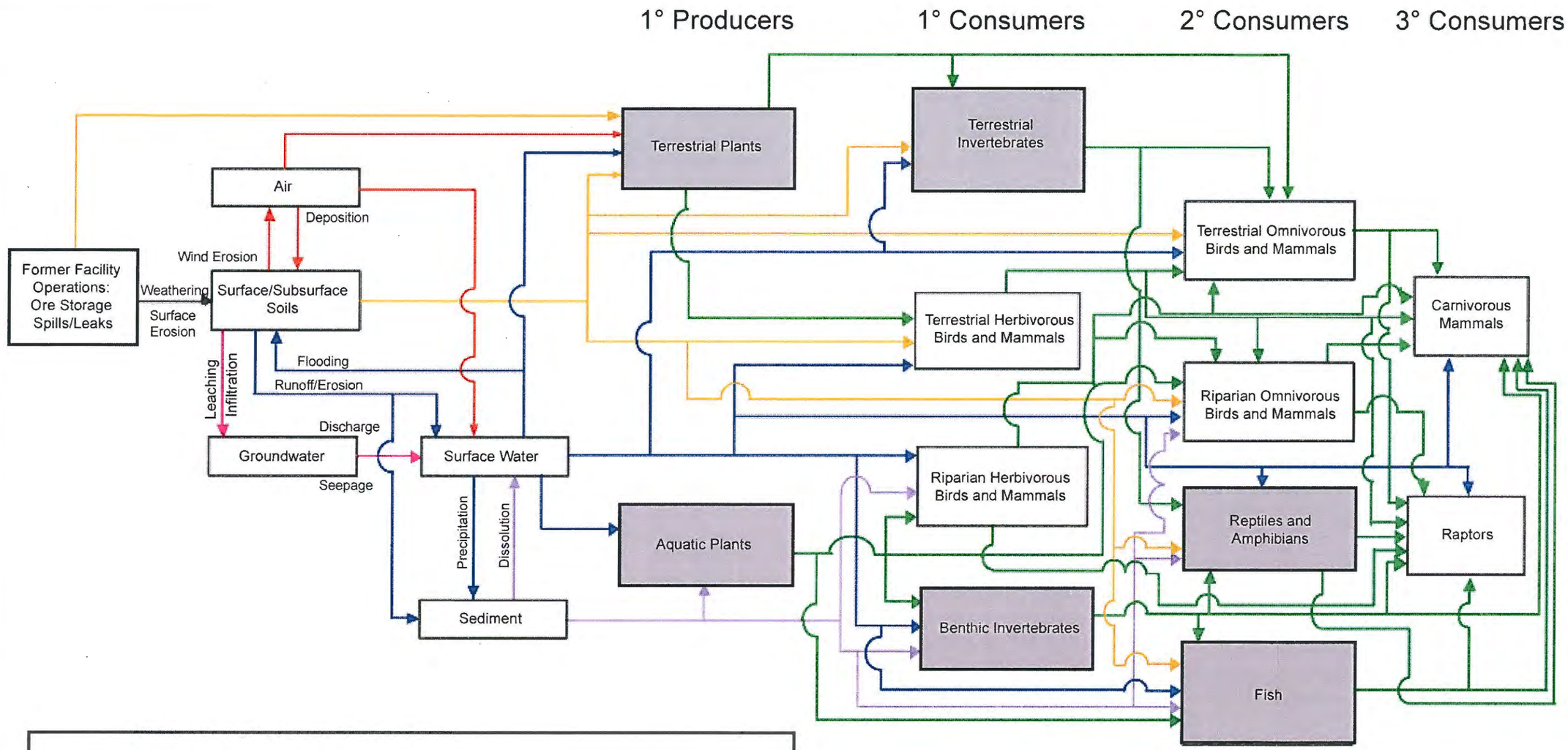
— = Incomplete exposure pathway-not considered

CENTRAL FARMERS FERTILIZER FACILITY
Georgetown Canyon, Idaho

Nu-West Industries, Inc.

FIGURE 3-1
HUMAN HEALTH
CONCEPTUAL SITE EXPOSURE MODEL

WATERSTONE
Environmental Hydrology and Engineering, Inc.



Air Pathway

Groundwater Pathway

Surface Water Pathway

Sediment Pathway

Food Ingestion Pathway

Ore Pile Pathway

Assessed Indirectly Through Protection of Associated Feeding Guilds

Assessed Directly Through Exposure Quantification

CENTRAL FARMERS FERTILIZER FACILITY
Georgetown Canyon, Idaho

FIGURE 4-1
Conceptual Site Exposure Model for Ecological Risk Assessment

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TABLES

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TABLE 3-1
HUMAN HEALTH EXPOSURE PATHWAYS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Receptor Population	Receptor Age	Scenario Timeframe	Exposure Medium	Exposure Point	Exposure Route	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Recreational User	Adult/Child	Current/Future	Ambient Air	Onsite	Inhalation	Qualitative	Inhalation of volatile contaminants in outdoor ambient air is not a significant pathway for the recreational user.
			Surface Water	Onsite	Ingestion	Quantitative	Recreational user may drink or contact surface water during recreational activites.
					Dermal Contact	Quantitative	
					Inhalation	Qualitative	Inhalation of volatile contaminants from surface water is not expected to be a significant pathway for the recreational user.
			Sediment	Onsite	Ingestion	Quantitative	Recreational user may incidentally ingest or contact sediment during recreational activites.
					Dermal Contact	Quantitative	
			Surface Soil	Onsite	Ingestion	Quantitative	The site has been covered with 1-foot of clean soil. Direct exposure pathways are incomplete except to ore areas in Phosphoria Gulch. The ore area will be evaluated for potential exposure during recreational
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Subsurface Soil	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Groundwater	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Indoor Air	Onsite	Inhalation	Incomplete	Receptor is not expected to contact media.
Resident	Adult/Child	Future	Ambient Air	Onsite	Inhalation	Qualitative	Inhalation of volatile contaminants in outdoor ambient air is not a significant pathway for the resident.
			Surface Water	Onsite	Ingestion	Quantitative	Resident may incidentally ingest or contact surface water during recreational activites.
					Dermal Contact	Quantitative	
					Inhalation	Qualitative	Inhalation of volatile contaminants from surface water is not expected to be a significant pathway for the resident.
			Sediment	Onsite	Ingestion	Quantitative	Resident may incidentally ingest or contact sediment during recreational activites.
					Dermal Contact	Quantitative	
			Surface Soil	Onsite	Ingestion	Quantitative	The site has been covered with 1-foot of clean soil. Direct exposure pathways are incomplete except to ore areas in Phosphoria Gulch. The ore area will be evaluated for potential exposure during recreational
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Subsurface Soil	Onsite	Ingestion	Quantitative	Contact with potentially contaminated subsurface soil during activities such as gardening or minor construction is possible (adult only).
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Groundwater	Onsite	Ingestion	Quantitative	The resident is assumed to consume groundwater for drinking and would be exposed to groundwater through vapor inhalation and dermal contact.
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Indoor Air	Onsite	Inhalation	Qualitative	The resident may exposed to contaminants in indoor air through inhalation. However, because of lack of limited volatile COPCs and a lack of representative samples to calculate an EPC for indoor air, this pathway will be assessed qualitatively.

TABLE 3-1
HUMAN HEALTH EXPOSURE PATHWAYS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Receptor Population	Receptor Age	Scenario Timeframe	Exposure Medium	Exposure Point	Exposure Route	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Construction Worker	Adult	Future	Ambient Air	Onsite	Inhalation	Quantitative	Inhalation of volatile contaminants in outdoor air during trenching activities.
			Surface Water	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Sediment	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
			Surface Soil	Onsite	Ingestion	Incomplete	The site has been covered with 1-foot of clean soil. Direct exposure pathways are incomplete. Construction is not expected in Phosphoria Gulch.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Subsurface Soil	Onsite	Ingestion	Quantitative	Contact with potentially contaminated subsurface soil during trenching is possible.
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Groundwater	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Indoor Air	Onsite	Inhalation	Incomplete	Receptor is not expected to contact media.
Nonresidential Worker	Adult	Future	Ambient Air	Onsite	Inhalation	Qualitative	Inhalation of volatile contaminants in outdoor ambient air is not a significant exposure pathway for the commerical/industrial worker.
			Surface Water	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Sediment	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
			Surface Soil	Onsite	Ingestion	Incomplete	The site has been covered with 1-foot of clean soil. Direct exposure pathways are incomplete. Exposure to ore in Phosphoria Gulch is not expected.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Subsurface Soil	Onsite	Ingestion	Incomplete	Receptor is not expected to contact media.
					Dermal Contact	Incomplete	
					Inhalation	Incomplete	
			Groundwater	Onsite	Ingestion	Quantitative	The nonresidential worker may consume groundwater for drinking and would be exposed to groundwater through vapor inhalation and dermal contact during normal work day activities.
					Dermal Contact	Quantitative	
					Inhalation	Quantitative	
			Indoor Air	Onsite	Inhalation	Qualitative	The nonresidential worker may exposed to contaminants in indoor air through inhalation. However, because of lack of limited volatile COPCs and a lack of representative samples to calculate an EPC for indoor air, this pathway will be assessed qualitatively.

TABLE 3-2a
CHEMICALS OF POTENTIAL CONCERN-PHOSPHORIA GULCH ORE
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening							
Analyte	Min	Max	Units	Location Max	Max Qualifier	# Samples	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics																
Aluminum, total	14200	14500	mg/Kg	GTORE-3	-	3	3 / 3	30 - 30	1.45E+04	7.60E+04	1	NO			**No**	Does not exceed criteria.
Antimony, total	7.4	8	mg/Kg	GTORE-2	-	3	3 / 3	0.1 - 0.1	8.00E+00	4.77E+00	2	YES	3.10E+01	NO	**No**	Does not exceed criteria.
Arsenic, total	20.6	21.8	mg/Kg	GTORE-3	-	3	3 / 3	0.3 - 0.3	2.18E+01	3.91E-01	2	YES	3.90E-01	YES	**YES**	Exceeds criteria.
Barium, total	68	80	mg/Kg	GTORE-1	-	3	3 / 3	3 - 3	8.00E+01	8.96E+02	2	NO			**No**	Does not exceed criteria.
Beryllium, total	2	2	mg/Kg	GTORE-3	U	3	0 / 3	2 - 2	2.00E+00	1.63E+00	2	YES	1.50E+02	NO	**No**	Not detected, does not exceed criteria.
Cadmium, total	69	100	mg/Kg	GTORE-3	-	3	3 / 3	5 - 5	1.00E+02	1.35E+00	2	YES	3.70E+01	YES	**YES**	Exceeds criteria.
Calcium, total	205000	210000	mg/Kg	GTORE-3	-	3	3 / 3	200 - 200	2.10E+05	No criteria	3	NA			**No**	Human health nutrient.
Chromium, total	1020	1160	mg/Kg	GTORE-2	-	3	3 / 3	10 - 10	1.16E+03	2.13E+03	2	NO			**No**	Does not exceed criteria.
Copper, total	110	130	mg/Kg	GTORE-1	-	3	3 / 3	10 - 10	1.30E+02	9.21E+02	2	NO			**No**	Does not exceed criteria.
Iron, total	12600	13800	mg/Kg	GTORE-2	-	3	3 / 3	10 - 10	1.38E+04	5.76E+00	2	YES	2.30E+04	NO	**No**	Does not exceed criteria.
Lead, total	11	14.5	mg/Kg	GTORE-3	-	3	3 / 3	0.1 - 0.05	1.45E+01	4.96E+01	2	NO			**No**	Does not exceed criteria.
Magnesium, total	2700	3100	mg/Kg	GTORE-1	-	3	3 / 3	200 - 200	3.10E+03	No criteria	3	NA			**No**	Human health nutrient.
Manganese, total	95	275	mg/Kg	GTORE-3	-	3	3 / 3	5 - 5	2.75E+02	2.23E+02	2	YES	1.80E+03	NO	**No**	Does not exceed criteria.
Mercury, total	0.42	0.55	mg/Kg	GTORE-2	-	3	3 / 3	0 - 0.04	5.50E-01	5.09E-03	2	YES	2.30E+01	NO	**No**	Does not exceed criteria.
Molybdenum, total	30	40	mg/Kg	GTORE-3	B	3	3 / 3	10 - 10	4.00E+01	3.90E+02	1	NO			**No**	Does not exceed criteria.
Nickel, total	190	220	mg/Kg	GTORE-1	-	3	3 / 3	10 - 10	2.20E+02	5.91E+01	2	YES	1.60E+03	NO	**No**	Does not exceed criteria.
Potassium, total	4700	4900	mg/Kg	GTORE-3	-	3	3 / 3	300 - 300	4.90E+03	No criteria	3	NA			**No**	Human health nutrient.
Selenium, total	35	39	mg/Kg	GTORE-2	-	3	3 / 3	1 - 1	3.90E+01	2.03E+00	2	YES	3.90E+02	NO	**No**	Does not exceed criteria.
Silver, total	5.91	6.91	mg/Kg	GTORE-2	-	3	3 / 3	0 - 0.03	6.91E+00	1.89E-01	2	YES	3.90E+02	NO	**No**	Does not exceed criteria.
Sodium, total	1200	1500	mg/Kg	GTORE-1	-	3	3 / 3	300 - 300	1.50E+03	No criteria	3	NA			**No**	Human health nutrient.
Thallium, total	2.16	3.6	mg/Kg	GTORE-3	-	3	3 / 3	0.1 - 0.05	3.60E+00	1.55E+00	2	YES	5.20E+00	NO	**No**	Does not exceed criteria.
Uranium, total	66.7	81.8	mg/Kg	GTORE-3	-	3	3 / 3	0 - 0.03	8.18E+01	1.60E+01	4	YES	1.60E+01	YES	**YES**	Exceeds criteria.
Vanadium, total	839	1240	mg/Kg	GTORE-3	-	3	3 / 3	5 - 5	1.24E+03	7.80E+01	1	YES	7.80E+01	YES	**YES**	Exceeds criteria.
Zinc, total	1080	1270	mg/Kg	GTORE-3	-	3	3 / 3	10 - 10	1.27E+03	8.86E+02	2	YES	2.30E+04	NO	**No**	Does not exceed criteria.

1-USEPA Region 9 PRG for residential soil
2-IDEQ Initial Default Target Values (IDTL)-soil
3-human health nutrient
4-USEPA Region 9 PRG for residentiel soil, chemical toxicity

TABLE 3-2b
CHEMICALS OF POTENTIAL CONCERN-SUBSURFACE SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary								COPC screening							
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics															
Aluminum, total	12800	33600	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	3 - 30	3.36E+04	7.60E+04	1	No			**No**	Does not exceed criteria value.
Antimony, total	0.1	5.9	mg/Kg	GTB-1 1-3	-	33 / 33	0.1 - 0.1	5.90E+00	4.77E+00	2	YES	3.10E+01	NO	**No**	Does not exceed criteria value.
Arsenic, total	2.5	10.9	mg/Kg	GTB-16 1-3	-	33 / 33	0.3 - 0.3	1.09E+01	3.91E-01	2	YES	3.90E-01	YES	**YES**	Exceeds criteria value.
Barium, total	59.7	234	mg/Kg	GTB-5 10-12	-	33 / 33	0.3 - 3	2.34E+02	8.96E+02	2	NO			**No**	Does not exceed criteria value.
Beryllium, total	0.4	5.7	mg/Kg	GTB-16 10-11.5	-	30 / 33	0.2 - 2	5.70E+00	1.63E+00	2	YES	1.50E+02	NO	**No**	Does not exceed criteria value.
Cadmium, total	1	44	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	0.5 - 5	4.40E+01	1.35E+00	2	YES	3.70E+01	YES	**YES**	Exceeds criteria value.
Calcium, total	8890	262000	mg/Kg	GTB-12 5.0-7.0	-	33 / 33	20 - 200	2.62E+05	no criteria	3	NA			**No**	Human health nutrient.
Chromium, total	28	450	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	1 - 10	4.50E+02	2.13E+03	2	NO			**No**	Does not exceed criteria value.
Copper, total	16	155	mg/Kg	GTB-10 3.0-5.0	-	33 / 33	1 - 10	1.55E+02	9.21E+02	2	NO			**No**	Does not exceed criteria value.
Iron, total	4240	31200	mg/Kg	GTB-5 10-12	-	33 / 33	1 - 10	3.12E+04	5.76E+00	2	YES			**No**	Human health nutrient.
Lead, total	5.34	188	mg/Kg	GTB-3 1-3	-	33 / 33	0.1 - 0.05	1.88E+02	4.96E+01	2	YES	4.00E+02	NO	**No**	Does not exceed criteria value.
Magnesium, total	3180	18700	mg/Kg	GTB-5 1-3	-	33 / 33	20 - 200	1.87E+04	no criteria	3	NA			**No**	Human health nutrient.
Manganese, total	179	3310	mg/Kg	GTB-5 10-12	-	33 / 33	0.5 - 5	3.31E+03	2.23E+02	2	YES	1.80E+03	YES	**YES**	Exceeds criteria value.
Mercury, total	0	29.2	mg/Kg	GTB-10 3.0-5.0	-	22 / 33	0 - 0.5	2.92E+01	5.09E-03	2	YES	2.30E+01	YES	**YES**	Exceeds criteria value.
Molybdenum, total	1	12	mg/Kg	GTB-15 1-3	-	24 / 33	1 - 10	1.20E+01	3.90E+02	1	NO			**No**	Does not exceed criteria value.
Nickel, total	20	100	mg/Kg	GTSO-6	-	33 / 33	1 - 10	1.00E+02	5.91E+01	2	YES	1.60E+03	NO	**No**	Does not exceed criteria value.
Potassium, total	3060	10400	mg/Kg	GTB-3 1-3	-	33 / 33	30 - 300	1.04E+04	no criteria	3	NA			**No**	Human health nutrient.
Selenium, total	0.5	19.1	mg/Kg	GTB-15 1-3	-	30 / 33	0.5 - 1	1.91E+01	2.03E+00	2	YES	3.90E+02	NO	**No**	Does not exceed criteria value.
Silver, total	0.04	25.9	mg/Kg	GTB-3 1-3	-	33 / 33	0 - 0.05	2.59E+01	1.89E-01	2	YES	3.90E+02	NO	**No**	Does not exceed criteria value.
Sodium, total	140	3400	mg/Kg	GTB-12 5.0-7.0	-	33 / 33	30 - 300	3.40E+03	no criteria	3	NA			**No**	Human health nutrient.
Thallium, total	0.19	7.3	mg/Kg	GTB-1 1-3	-	33 / 33	0 - 0.05	7.30E+00	1.55E+00	2	YES	5.20E+00	YES	**YES**	Exceeds criteria value.
Vanadium, total	37.2	554	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	0.5 - 5	5.54E+02	7.80E+01	1	YES	7.80E+01	YES	**YES**	Exceeds criteria value.
Zinc, total	82	3150	mg/Kg	GTB-1 1-3	-	33 / 33	1 - 10	3.15E+03	8.86E+02	2	YES	2.30E+04	NO	**No**	Does not exceed criteria value.
Organics															
1,1,1,2-Tetrachloroethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	4.09E-02	2	NO			**No**	Does not exceed criteria value.
1,1,1-Trichloroethane	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	2.00E+00	2	NO			**No**	Does not exceed criteria value.
1,1,2,2-Tetrachloroethane	3	3	ug/Kg	GTSO-8	U	0 / 4	3 - 3	3.00E-03	9.15E-04	2	YES			**No**	Not detected. No site history of use.
1,1,2-Trichloroethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.41E-02	2	NO			**No**	Does not exceed criteria value.
1,1-Dichloroethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.48E+00	2	NO			**No**	Does not exceed criteria value.
1,1-Dichloroethene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.88E-02	2	NO			**No**	Does not exceed criteria value.
1,1-Dichloropropene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	7.80E-01	4	NO			**No**	Does not exceed criteria value.
1,2,3-Trichlorobenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	6.92E-01	5	NO			**No**	Does not exceed criteria value.
1,2,3-Trichloropropane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.45E-04	2	YES			**No**	Not detected. No site history of use.
1,2,4-Trichlorobenzene	3	70	ug/Kg	B-24 5-6.5	U	0 / 18	3 - 70	7.00E-02	6.92E-01	2	NO			**No**	Does not exceed criteria value.
1,2,4-Trimethylbenzene	4	8	ug/Kg	GTSO-8	-	1 / 4	4 - 4	8.00E-03	1.93E-01	2	NO			**No**	Does not exceed criteria value.
1,2-Dibromo-3-chloropropane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	9.75E-04	2	YES			**No**	Not detected. No site history of use.
1,2-Dibromoethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.20E-02	1	NO			**No**	Does not exceed criteria value.
1,2-Dichlorobenzene	4	70	ug/Kg	B-24 5-6.5	U	0 / 18	4 - 70	7.00E-02	5.25E+00	2	NO			**No**	Does not exceed criteria value.
1,2-Dichloroethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	7.67E-03	2	NO			**No**	Does not exceed criteria value.
1,2-Dichloropropane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	8.90E-03	2	NO			**No**	Does not exceed criteria value.
1,3,5-Trimethylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.45E-01	2	NO			**No**	Does not exceed criteria value.
1,3-Dichlorobenzene	4	70	ug/Kg	B-24 5-6.5	U	0 / 18	4 - 70	7.00E-02	2.29E-01	2	NO			**No**	Does not exceed criteria value.
1,3-Dichloropropane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.45E-03	2	YES			**No**	Not detected. No site history of use.
1,4-Dichlorobenzene	4	70	ug/Kg	B-24 5-6.5	U	0 / 18	4 - 70	7.00E-02	7.55E-02	2	NO			**No**	Does not exceed criteria value.
2,2-Dichloropropane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.00E-02	6	NO			**No**	Does not exceed criteria value.
2,4,5-Trichlorophenol	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	7.38E+00	2	NO			**No**	Does not exceed criteria value.
2,4,6-Trichlorophenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.36E-03	2	YES			**No**	Not detected. No site history of use.
2,4-Dichlorophenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	9.78E-02	2	NO			**No**	Does not exceed criteria value.
2,4-Dimethylphenol	100	100	ug/Kg	GTSO-8	U	0 / 14	100 - 100	1.00E-01	8.19E-01	2	NO			**No**	Does not exceed criteria value.
2,4-Dinitrophenol	700	700	ug/Kg	GTSO-8	U	0 / 14	700 - 700	7.00E-01	3.84E-02	2	YES			**No**	Not detected. No site history of use.

TABLE 3-2b
CHEMICALS OF POTENTIAL CONCERN-SUBSURFACE SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary								COPC screening							
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
2,4-Dinitrotoluene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	2.90E-04	2	YES			No	Not detected. No site history of use.
2,6-Dinitrotoluene	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	2.12E-04	2	YES			No	Not detected. No site history of use.
2-Butanone	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	1.18E+01	2	NO			No	Does not exceed criteria value.
2-Chloroethyl vinyl ether	5	5	ug/Kg	GTSO-8	U	0 / 4	5 - 5	5.00E-03	no criteria		NA			No	Not detected. No site history of use.
2-Chloronaphthalene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.28E+02	2	NO			No	Does not exceed criteria value.
2-Chlorophenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	3.65E-01	2	NO			No	Does not exceed criteria value.
2-Chlorotoluene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.56E+00	2	NO			No	Does not exceed criteria value.
2-Hexanone	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	no criteria		NA			No	Not detected. No site history of use.
2-Methylnaphthalene	70	62000	ug/Kg	GTSO-8	-	2 / 14	70 - 1000	6.20E+01	3.31E+00	2	YES			No	Because of uncertainty of toxicity values.[7]
2-Methylphenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.80E+00	2	NO			No	Does not exceed criteria value.
2-Nitroaniline	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	7.25E-02	2	YES			No	Not detected. No site history of use.
2-Nitrophenol	100	100	ug/Kg	GTSO-8	U	0 / 14	100 - 100	1.00E-01	no criteria		NA			No	Not detected. No site history of use.
3- & 4-Methylphenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.41E-01	2	NO			No	Does not exceed criteria value.
3,3-Dichlorobenzidine	100	100	ug/Kg	GTSO-8	U	0 / 14	100 - 100	1.00E-01	7.00E-03	1	YES			No	Not detected. No site history of use.
3-Nitroaniline	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	3.18E-03	2	YES			No	Not detected. No site history of use.
4,6-Dinitro-2-methylphenol	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	no criteria		NA			No	Not detected. No site history of use.
4-Bromophenyl phenyl ether	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	5.45E-03	2	YES			No	Not detected. No site history of use.
4-Chloro-3-methylphenol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	no criteria		NA			No	Not detected. No site history of use.
4-Chloroaniline	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.26E-01	2	NO			No	Does not exceed criteria value.
4-Chlorophenyl phenyl ether	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	no criteria		NA			No	Not detected. No site history of use.
4-Chlorotoluene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	no criteria		NA			No	Not detected. No site history of use.
4-Isopropyltoluene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	no criteria		NA			No	Not detected. No site history of use.
4-Methyl-2-Pentanone	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	1.76E+01	2	NO			No	Does not exceed criteria value.
4-Nitroaniline	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	2.99E-03	2	YES			No	Not detected. No site history of use.
4-Nitrophenol	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	2.26E-01	2	YES			No	Not detected. No site history of use.
Acenaphthene	70	2000	ug/Kg	GTSO-8	-	1 / 14	70 - 70	2.00E+00	5.23E+01	2	NO			No	Does not exceed criteria value.
Acenaphthylene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	7.80E+01	2	NO			No	Does not exceed criteria value.
Acetone	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	1.74E+01	2	NO			No	Does not exceed criteria value.
Acrylonitrile	20	20	ug/Kg	GTSO-8	U	0 / 4	20 - 20	2.00E-02	1.94E-04	2	YES			No	Not detected. No site history of use.
Anthracene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.20E+04	1	NO			No	Does not exceed criteria value.
Aroclor 1016	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	2.33E+00	2	NO			No	Does not exceed criteria value.
Aroclor 1221	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	2.94E-03	2	YES			No	Not detected. No site history of use.
Aroclor 1232	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	no criteria		NA			No	Not detected. No site history of use.
Aroclor 1242	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	3.18E-03	2	YES			No	Not detected. No site history of use.
Aroclor 1248	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	1.37E-01	2	NO			No	Does not exceed criteria value.
Aroclor 1254	30	30	ug/Kg	GTSO-8	U	0 / 10	30 - 30	3.00E-02	7.40E-01	2	NO			No	Does not exceed criteria value.
Aroclor 1260	30	620	ug/Kg	GTB-8 1-3	-	2 / 10	30 - 30	6.20E-01	1.47E-01	2	YES	2.20E-01	YES	YES	Exceeds criteria value.
Azobenzene	300	300	ug/Kg	GTSO-8	U	0 / 14	300 - 300	3.00E-01	1.30E-02	2	YES			No	Not detected. No site history of use.
Benzene	0.3	5	ug/Kg	GTSO-8	-	1 / 14	0.3 - 4	5.00E-03	1.78E-02	2	NO			No	Does not exceed criteria value.
Benzo(a)anthracene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E-01	2	NO			No	Does not exceed criteria value.
Benzo(a)pyrene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E-02	2	YES			No	Not detected. MDL same order of magnitude as criteria.
Benzo(b)fluoranthene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E-01	2	NO			No	Does not exceed criteria value.
Benzo(g,h,i)perylene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.18E+03	2	NO			No	Does not exceed criteria value.
Benzo(k)fluoranthene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E+00	2	NO			No	Does not exceed criteria value.
Benzoic acid	300	700	ug/Kg	GTSO-5	-	3 / 14	300 - 300	7.00E-01	7.71E+01	2	NO			No	Does not exceed criteria value.
Benzyl alcohol	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	6.43E+00	2	NO			No	Does not exceed criteria value.
Bis(2-chloroethoxy)methane	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	no criteria		NA			No	Not detected. No site history of use.
Bis(2-chloroethyl) ether	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.08E-04	2	YES			No	Not detected. No site history of use.
Bis(2-chloroisopropyl) ether	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	3.11E+00	2	NO			No	Does not exceed criteria value.
Bis(2-ethylhexyl) phthalate	100	100	ug/Kg	GTSO-8	U	0 / 14	100 - 100	1.00E-01	1.18E+01	2	NO			No	Does not exceed criteria value.
Bromobenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.80E+01	1	NO			No	Does not exceed criteria value.

TABLE 3-2b
CHEMICALS OF POTENTIAL CONCERN-SUBSURFACE SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary								COPC screening							
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Bromochloromethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	no criteria		NA			No	Not detected. No site history of use.
Bromodichloromethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.68E-03	2	YES			No	Not detected. No site history of use.
Bromoform	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.92E-02	2	NO			No	Does not exceed criteria value.
Bromomethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	5.01E-02	2	NO			No	Does not exceed criteria value.
Butyl benzyl phthalate	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	5.11E+02	2	NO			No	Does not exceed criteria value.
Carbon Disulfide	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	5.97E+00	2	NO			No	Does not exceed criteria value.
Carbon Tetrachloride	10	10	ug/Kg	GTSO-8	U	0 / 4	10 - 10	1.00E-02	1.14E-02	2	NO			No	Does not exceed criteria value.
Chlorobenzene	4	10	ug/Kg	GTSO-8	U	0 / 8	4 - 10	1.00E-02	6.18E-01	2	NO			No	Does not exceed criteria value.
Chloroethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	5.33E-02	2	NO			No	Does not exceed criteria value.
Chloroform	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	5.64E-03	2	NO			No	Does not exceed criteria value.
Chloromethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.31E-02	2	NO			No	Does not exceed criteria value.
Chrysene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	3.34E+01	2	NO			No	Does not exceed criteria value.
cis-1,2-Dichloroethene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.93E-01	2	NO			No	Does not exceed criteria value.
cis-1,3-Dichloropropene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.45E-03	2	YES			No	Not detected. No site history of use.
Dibenzo(a,h)anthracene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E-02	2	YES			No	Not detected. MDL same order of magnitude as criteria.
Dibenzofuran	70	2230	ug/Kg	GTSO-8	-	1 / 14	70 - 70	2.23E+00	6.10E+00	2	NO			No	Does not exceed criteria value.
Dibromochloromethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.02E-03	2	YES			No	Not detected. No site history of use.
Dibromomethane (Methylene Bromide)	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	6.70E+01	1	NO			No	Does not exceed criteria value.
Dichlorodifluoromethane	5	5	ug/Kg	GTSO-8	U	0 / 4	5 - 5	5.00E-03	2.96E+00	2	NO			No	Does not exceed criteria value.
Diethylphthalate	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	2.75E+01	2	NO			No	Does not exceed criteria value.
Dimethyl phthalate	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	2.71E+02	2	NO			No	Does not exceed criteria value.
Di-n-butyl phthalate	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	3.10E+01	2	NO			No	Does not exceed criteria value.
Di-n-octyl phthalate	70	200	ug/Kg	GTSO-5	-	2 / 14	70 - 70	2.00E-01	1.83E+03	2	NO			No	Does not exceed criteria value.
Ethylbenzene	0.2	289	ug/Kg	GTSO-8	-	1 / 14	0.2 - 4	2.89E-01	1.02E+01	2	NO			No	Does not exceed criteria value.
Fluoranthene	70	150	ug/Kg	GTSO-8	-	1 / 14	70 - 70	1.50E-01	3.64E+02	2	NO			No	Does not exceed criteria value.
Fluorene	70	3370	ug/Kg	GTSO-8	-	1 / 14	70 - 70	3.37E+00	5.48E+01	2	NO			No	Does not exceed criteria value.
Hexachlorobenzene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.27E-02	2	YES			No	Not detected. No site history of use.
Hexachlorobutadiene	4	70	ug/Kg	B-24 5-6.5	U	0 / 18	4 - 70	7.00E-02	3.78E-02	2	YES			No	Not detected. No site history of use.
Hexachlorocyclopentadiene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.16E-02	2	YES			No	Not detected. No site history of use.
Hexachloroethane	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.38E-01	2	NO			No	Does not exceed criteria value.
Indeno(1,2,3-cd)pyrene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	4.22E-01	2	NO			No	Does not exceed criteria value.
Isophorone	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.40E-01	2	NO			No	Does not exceed criteria value.
Isopropylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.46E+00	2	NO			No	Does not exceed criteria value.
m,p-Xylene	0.4	1350	ug/Kg	GTSO-8	-	5 / 14	0.4 - 10	1.35E+00	1.67E+00	2	NO	2.70E+02	NO	**YES**	Total xylenes exceeds criteria value.
Methyl Tert Butyl Ether	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.70E+01	1	NO			No	Does not exceed criteria value.
Methylene Chloride	4	185	ug/Kg	GTSO-8	-	3 / 4	4 - 4	1.85E-01	1.69E-02	2	YES	9.10E+00	NO	No	Does not exceed criteria value.
Naphthalene	3	3700	ug/Kg	B-24 10-11.5	-	2 / 18	3 - 70	3.70E+00	1.14E+00	2	YES	5.60E+01	NO	No	Does not exceed criteria value.
n-Butylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.40E+02	1	NO			No	Does not exceed criteria value.
Nitrobenzene	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	2.18E-02	2	YES			No	Not detected. No site history of use.
N-Nitrosodimethylamine	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	2.09E-06	2	YES			No	Not detected. No site history of use.
N-Nitrosodi-n-propylamine	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	1.81E-05	2	YES			No	Not detected. No site history of use.
N-Nitrosodiphenylamine	70	70	ug/Kg	GTSO-8	U	0 / 14	70 - 70	7.00E-02	8.80E-02	2	NO			No	Does not exceed criteria value.
n-Propylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.40E+02	1	No			No	Does not exceed criteria value.
o-Xylene	0.2	344	ug/Kg	GTSO-8	-	2 / 14	0.2 - 4	3.44E-01	1.67E+00	2	NO	2.70E+02	NO	**YES**	Total xylenes exceeds criteria value.
Pentachlorophenol	300	1300	ug/Kg	GTSO-7	-	1 / 14	300 - 300	1.30E+00	9.07E-03	2	YES	3.00E+00	NO	No	Does not exceed criteria value.
Phenanthrene	70	4260	ug/Kg	GTSO-8	-	1 / 14	70 - 70	4.26E+00	7.90E+01	2	NO			No	Does not exceed criteria value.
Phenol	100	100	ug/Kg	GTSO-8	U	0 / 14	100 - 100	1.00E-01	7.36E+00	2	NO			No	Does not exceed criteria value.
Pyrene	70	110	ug/Kg	GTSO-8	-	1 / 14	70 - 70	1.10E-01	3.59E+02	2	NO			No	Does not exceed criteria value.
sec-Butylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.17E+00	2	NO			No	Does not exceed criteria value.
Styrene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.83E+00	2	NO			No	Does not exceed criteria value.
tert-Butylbenzene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	8.52E-01	2	NO			No	Does not exceed criteria value.

TABLE 3-2b
CHEMICALS OF POTENTIAL CONCERN-SUBSURFACE SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary								COPC screening							
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Tetrachloroethene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	2.88E-02	2	NO			No	Does not exceed criteria value.
Toluene	0.2	12	ug/Kg	GTB-8 5-7	-	8 / 14	0.2 - 4	1.20E-02	4.89E+00	2	NO			No	Does not exceed criteria value.
trans-1,2-Dichloroethene	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	3.65E-01	2	NO			No	Does not exceed criteria value.
trans-1,3-Dichloropropene	3	3	ug/Kg	GTSO-8	U	0 / 4	3 - 3	3.00E-03	2.45E-03	2	YES			No	Not detected. No site history of use.
Trichloroethene	5	5	ug/Kg	GTSO-8	U	0 / 4	5 - 5	5.00E-03	2.88E-03	2	YES			No	Not detected. No site history of use.
Trichlorofluoromethane	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	1.04E+01	2	NO			No	Does not exceed criteria value.
Vinyl Acetate	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	4.30E+02	1	NO			No	Does not exceed criteria value.
Vinyl Chloride	4	4	ug/Kg	GTSO-8	U	0 / 4	4 - 4	4.00E-03	9.63E-03	2	NO			No	Does not exceed criteria value.

Notes:
1-USEPA Region 9 PRG
2-IDEQ Initial Default Target Values (IDTL)-soil
3-human health nutrient
4-USEPA Region 9: 1,3-Dichloropropene used as a surrogate
5-USEPA Region 9: 1,2,4-Trichlorobenzene used as surrogate
6-USEPA Region 9: 1,2-Dichloropropane used as surrogate
7-USEPA continues to study the toxicity of 2-methylnaphthalene, current IDEQ policy does not consider 2-methylnaphthalene as a COC during risk eveluation. Source: http://www.deq.idaho.gove/applications/brouwnfields/index.cfm?site=nsk.htm

TABLE 3-2c
CHEMICALS OF POTENTIAL CONCERN-SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics															
Aluminum, total	0.03	13.4	mg/L	GTSW-7	-	72 / 90	0.03 - 0.3	1.34E+01	3.60E+04	1	NO			No	Does not exceed criteria.
Antimony, total	0.0002	0.0067	mg/L	GTSW-7	-	26 / 90	0.0002 - 0	6.70E-03	6.00E-03	2	YES	1.50E+01	NO	No	Does not exceed criteria.
Arsenic, total	0.0003	0.0223	mg/L	GTSW-7	-	60 / 90	0.0001 - 0	2.23E-02	1.00E-02	2	YES	4.50E-02	NO	No	Does not exceed criteria.
Barium, total	0.003	0.065	mg/L	GTSW-9	-	80 / 90	0.003 - 0	6.50E-02	2.00E+00	2	NO			No	Does not exceed criteria.
Beryllium, total	0.002	0.004	mg/L	GTSW-3	U	0 / 90	0.002 - 0	4.00E-03	4.00E-03	2	NO			No	Does not exceed criteria.
Cadmium, total	0.005	0.029	mg/L	GTSW-7	-	8 / 90	0.005 - 0	2.90E-02	5.00E-03	2	YES	1.80E+01	NO	No	Does not exceed criteria.
Calcium, total	15	91.6	mg/L	GTSW-4	-	59 / 59	0.2 - 0.4	9.16E+01	no criteria	3	NA			No	Human health nutrient.
Chloride	1	6	mg/L	GTSW-4	-	76 / 83	1 - 1	6.00E+00	no criteria		NA			No	
Chromium, total	0.01	0.4	mg/L	GTSW-7	-	13 / 90	0.01 - 0	4.00E-01	1.00E-01	2	YES	1.10E+02	NO	No	Does not exceed criteria.
Copper, total	0.01	0.1	mg/L	GTSW-4	U	7 / 90	0.01 - 0.1	1.00E-01	1.30E+00	2	NO			No	Does not exceed criteria.
Fluoride	0.1	14.4	mg/L	GTSW-7	-	69 / 83	0.1 - 0.5	1.44E+01	4.00E+00	2	YES	2.20E+03	NO	No	Does not exceed criteria.
Iron, total	0.01	14.5	mg/L	GTSW-7	-	87 / 90	0.01 - 0	1.45E+01	3.13E+00	2	YES	1.10E+04	NO	No	Does not exceed criteria.
Lead, total	0.0001	0.0111	mg/L	GTSW-7	-	41 / 90	0.0001 - 0	1.11E-02	1.50E-02	2	NO			No	Does not exceed criteria.
Magnesium, total	2.8	22.5	mg/L	GTSW-11	-	59 / 59	0.2 - 0.4	2.25E+01	no criteria	3	NA			No	Human health nutrient.
Manganese, total	0.005	0.457	mg/L	GTSW-7	-	81 / 90	0.005 - 0	4.57E-01	2.50E-01	2	YES	8.80E+02	NO	No	Does not exceed criteria.
Mercury, total	0.0002	0.002	mg/L	GTSW-2	U	5 / 83	0.0002 - 0	2.00E-03	2.00E-03	2	NO			No	Does not exceed criteria.
Molybdenum, total	0.01	0.54	mg/L	GTSW-7	-	22 / 90	0.01 - 0.1	5.40E-01	1.80E+02	1	NO			No	Does not exceed criteria.
Nickel, total	0.01	0.14	mg/L	GTSW-7	-	18 / 90	0.01 - 0	1.40E-01	2.09E-01	2	NO			No	Does not exceed criteria.
Nitrate/Nitrite as N	0.02	8.2	mg/L	GTSW-3	-	39 / 83	0.02 - 0.1	8.20E+00	1.00E+00	2	YES	1.00E+03	NO	No	Does not exceed criteria.
Phosphorus, ortho dissolved	0	5.5	mg/L	GTSW-7	-	83 / 83	0.01 - 0.2	5.50E+00	no criteria		NO			No	
Potassium, total	0.5	17	mg/L	GTSW-7	-	57 / 59	0.3 - 0.6	1.70E+01	no criteria	3	NA			No	Human health nutrient.
Selenium, total	0.001	0.066	mg/L	GTSW-5	-	86 / 90	0.001 - 0	6.60E-02	1.80E+02	1	NO			No	Does not exceed criteria.
Silver, total	0.00005	0.00349	mg/L	GTSW-7	-	22 / 90	0.00005 - 0	3.49E-03	1.80E+02	1	NO			No	Does not exceed criteria.
Sodium, total	1	4.7	mg/L	GTSW-7	-	59 / 59	0.3 - 0.6	4.70E+00	no criteria	3	YES			No	Human health nutrient.
Sulfate	0.7	32.4	mg/L	GTSW-5	-	82 / 83	0.5 - 5	3.24E+01	2.50E+02	4	NO			No	Does not exceed criteria.
Thallium, total	0.00005	0.0052	mg/L	GTSW-4	-	40 / 90	0.00005 - 0	5.20E-03	2.40E+00	1	NO			No	Does not exceed criteria.
Vanadium, total	0.005	0.548	mg/L	GTSW-7	-	38 / 90	0.005 - 0	5.48E-01	3.60E+01	1	NO			No	Does not exceed criteria.
Zinc, total	0.01	0.73	mg/L	GTSW-7	-	46 / 90	0.01 - 0	7.30E-01	3.13E+00	2	NO			No	Does not exceed criteria.
Organics															
1,1,1,2-Tetrachloroethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.15E-03	2	YES			No	Not detected. No site history of use.
1,1,1-Trichloroethane	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	2.00E-01	2	NO			No	Does not exceed criteria.
1,1,2,2-Tetrachloroethane	3	3	ug/L	GTSW-2	U	0 / 4	3 - 3	3.00E-03	2.79E-04	2	YES			No	Not detected. No site history of use.
1,1,2-Trichloroethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	5.00E-03	2	NO			No	Does not exceed criteria.
1,1-Dichloroethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.04E+00	2	NO			No	Does not exceed criteria.
1,1-Dichloroethene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	7.00E-03	2	NO			No	Does not exceed criteria.
1,1-Dichloropropene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
1,2,3-Trichlorobenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
1,2,3-Trichloropropane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.79E-05	2	YES			No	Not detected. No site history of use.
1,2,4-Trichlorobenzene	2	3	ug/L	GTSW-2	U	0 / 8	2 - 3	3.00E-03	7.00E-02	2	NO			No	Does not exceed criteria.
1,2,4-Trimethylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	4.39E-01	2	NO			No	Does not exceed criteria.
1,2-Dibromo-3-chloropropane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.00E-04	2	YES			No	Not detected. No site history of use.
1,2-Dibromoethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
1,2-Dichlorobenzene	2	4	ug/L	GTSW-2	U	0 / 8	2 - 4	4.00E-03	6.00E-01	2	NO			No	Does not exceed criteria.
1,2-Dichloroethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	5.00E-03	2	NO			No	Does not exceed criteria.
1,2-Dichloropropane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	5.00E-03	2	NO			No	Does not exceed criteria.

TABLE 3-2c
CHEMICALS OF POTENTIAL CONCERN-SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
1,3,5-Trimethylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	3.04E-01	2	NO			No	Does not exceed criteria.
1,3-Dichlorobenzene	2	4	ug/L	GTSW-2	U	0 / 8	2 - 4	4.00E-03	9.39E-03	2	NO			No	Does not exceed criteria.
1,3-Dichloropropane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
1,4-Dichlorobenzene	2	4	ug/L	GTSW-2	U	0 / 8	2 - 4	4.00E-03	7.50E-02	2	NO			No	Does not exceed criteria.
2,2-Dichloropropane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
2,4,5-Trichlorophenol	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	1.04E+00	2	NO			No	Does not exceed criteria.
2,4,6-Trichlorophenol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.04E-03	2	YES			No	Not detected. No site history of use.
2,4-Dichlorophenol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.13E-02	2	NO			No	Does not exceed criteria.
2,4-Dimethylphenol	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.09E-01	2	NO			No	Does not exceed criteria.
2,4-Dinitrophenol	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	2.09E-02	2	NO			No	Does not exceed criteria.
2,4-Dinitrotoluene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	8.22E-05	2	YES			No	Not detected. No site history of use.
2,6-Dinitrotoluene	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	8.22E-05	2	YES			No	Not detected. No site history of use.
2-Butanone	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	6.26E+00	2	NO			No	Does not exceed criteria.
2-Chloroethyl vinyl ether	5	50	ug/L	GTSW-2	U	0 / 4	5 - 50	5.00E-02	no criteria					No	Not detected. No site history of use.
2-Chloronaphthalene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	8.34E-01	2	NO			No	Does not exceed criteria.
2-Chlorophenol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	5.21E-02	2	NO			No	Does not exceed criteria.
2-Chlorotoluene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.09E-01	2	NO			No	Does not exceed criteria.
2-Hexanone	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	no criteria					No	Not detected. No site history of use.
2-Methylnaphthalene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-02	2	NO			No	Does not exceed criteria.
2-Methylphenol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	5.21E-01	2	NO			No	Does not exceed criteria.
2-Nitroaniline	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	3.13E-02	2	NO			No	Does not exceed criteria.
2-Nitrophenol	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
3- & 4-Methylphenol	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
3,3-Dichlorobenzidine	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.24E-04	2	YES			No	Not detected. No site history of use.
3-Nitroaniline	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	1.47E-03	2	YES			No	Not detected. No site history of use.
4,6-Dinitro-2-methylphenol	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	no criteria					No	Not detected. No site history of use.
4-Bromophenyl phenyl ether	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.72E-06	2	YES			No	Not detected. No site history of use.
4-Chloro-3-methylphenol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	no criteria					No	Not detected. No site history of use.
4-Chloroaniline	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-02	2	NO			No	Does not exceed criteria.
4-Chlorophenyl phenyl ether	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	no criteria					No	Not detected. No site history of use.
4-Chlorotoluene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
4-Isopropyltoluene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
4-Methyl-2-Pentanone	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	8.97E+00	2	NO			No	Does not exceed criteria.
4-Nitroaniline	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	1.47E-03	2	YES			No	Not detected. No site history of use.
4-Nitrophenol	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	8.34E-02	2	NO			No	Does not exceed criteria.
Acenaphthene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	6.26E-01	2	NO			No	Does not exceed criteria.
Acenaphthylene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	6.26E-01	2	NO			No	Does not exceed criteria.
Acetone	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	9.39E+00	2	NO			No	Does not exceed criteria.
Acrylonitrile	20	20	ug/L	GTSW-2	U	0 / 4	20 - 20	2.00E-02	1.03E-04	2	YES			No	Not detected. No site history of use.
Anthracene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.13E+00	2	NO			No	Does not exceed criteria.
Aroclor 1016	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	7.30E-04	2	YES			No	Not detected. No site history of use.
Aroclor 1221	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	2.79E-05	2	YES			No	Not detected. No site history of use.
Aroclor 1232	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	no criteria					No	Not detected. No site history of use.
Aroclor 1242	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	2.79E-05	2	YES			No	Not detected. No site history of use.
Aroclor 1248	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	2.79E-05	2	YES			No	Not detected. No site history of use.
Aroclor 1254	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	2.09E-04	2	YES			No	Not detected. No site history of use.

TABLE 3-2c
CHEMICALS OF POTENTIAL CONCERN-SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Aroclor 1260	0.9	0.9	ug/L	GTSW-2	U	0 / 4	0.9 - 0.9	9.00E-04	2.79E-05	2	YES	3.40E-02	NO	No	Does not exceed criteria.
Azobenzene	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	5.08E-04	2	YES			No	Not detected. No site history of use.
Benzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	5.00E-03	2	NO			No	Does not exceed criteria.
Benzo(a)anthracene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-05	2	YES	9.20E-02	NO	No	Does not exceed criteria.
Benzo(a)pyrene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	2.00E-04	2	YES	9.20E-03	NO	No	Does not exceed criteria.
Benzo(b)fluoranthene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-05	2	YES	9.20E-02	NO	No	Does not exceed criteria.
Benzo(g,h,i)perylene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.13E-01	2	NO			No	Does not exceed criteria.
Benzo(k)fluoranthene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-04	2	YES	9.20E-01	NO	No	Does not exceed criteria.
Benzoic acid	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	4.17E+01	2	NO			No	Does not exceed criteria.
Benzyl alcohol	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.13E+00	2	NO			No	Does not exceed criteria.
Bis(2-chloroethoxy)methane	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	5.08E-05	2	YES			No	Not detected. No site history of use.
Bis(2-chloroethyl) ether	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	no criteria					No	Not detected. No site history of use.
Bis(2-chloroisopropyl) ether	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-01	2	NO			No	Does not exceed criteria.
Bis(2-ethylhexyl) phthalate	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	6.00E-03	2	NO			No	Does not exceed criteria.
Bromobenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Bromochloromethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Bromodichloromethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	9.01E-04	2	YES			No	Not detected. No site history of use.
Bromoform	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	7.07E-03	2	NO			No	Does not exceed criteria.
Bromomethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.46E-02	2	NO			No	Does not exceed criteria.
Butyl benzyl phthalate	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	2.09E+00	2	NO			No	Does not exceed criteria.
Carbaryl	9	9	ug/L	GTSW-2	U	0 / 1	9 - 9	9.00E-03	no criteria					No	Not detected. No site history of use.
Carbon Disulfide	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.04E+00	2	NO			No	Does not exceed criteria.
Carbon Tetrachloride	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	4.56E-03	2	YES			No	Not detected. No site history of use.
Chlorobenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.00E-01	2	NO			No	Does not exceed criteria.
Chloroethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.93E-02	2	NO			No	Does not exceed criteria.
Chloroform	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.80E-03	2	YES			No	Not detected. No site history of use.
Chloromethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	4.30E-03	2	NO			No	Does not exceed criteria.
Chrysene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-03	2	NO			No	Does not exceed criteria.
cis-1,2-Dichloroethene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
cis-1,3-Dichloropropene	4	4	ug/L	GTSW-2	U	0 / 8	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Dibenzo(a,h)anthracene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-06	2	YES			No	Not detected. No site history of use.
Dibenzofuran	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-02	2	NO			No	Does not exceed criteria.
Dibromochloromethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	6.65E-04	2	YES			No	Not detected. No site history of use.
Dibromomethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Dichlorodifluoromethane	5	5	ug/L	GTSW-2	U	0 / 4	5 - 5	5.00E-03	1.95E-01	2	NO			No	Does not exceed criteria.
Diethylphthalate	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	8.34E+00	2	NO			No	Does not exceed criteria.
Dimethyl phthalate	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.04E+02	2	NO			No	Does not exceed criteria.
Di-n-butyl phthalate	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.04E+00	2	NO			No	Does not exceed criteria.
Di-n-octyl phthalate	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-01	2	NO			No	Does not exceed criteria.
Ethylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	7.00E-01	2	NO			No	Does not exceed criteria.
Fluoranthene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-01	2	NO			No	Does not exceed criteria.
Fluorene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	4.17E-01	2	NO			No	Does not exceed criteria.
Hexachlorobenzene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.00E-03	2	YES			No	Not detected. No site history of use.
Hexachlorobutadiene	2	4	ug/L	GTSW-2	U	0 / 8	2 - 4	4.00E-03	7.16E-04	2	YES			No	Not detected. No site history of use.
Hexachlorocyclopentadiene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.01E-03	2	NO			No	Does not exceed criteria.
Hexachloroethane	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.99E-03	2	NO			No	Does not exceed criteria.

TABLE 3-2c
CHEMICALS OF POTENTIAL CONCERN-SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Indeno(1,2,3-cd)pyrene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.65E-05	2	YES	9.20E-02	NO	No	Does not exceed criteria.
Isophorone	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	5.88E-02	2	NO			No	Does not exceed criteria.
Isopropylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.04E+00	2	NO			No	Does not exceed criteria.
m,p-Xylene	10	10	ug/L	GTSW-2	U	0 / 4	10 - 10	1.00E-02	4.34E+00	2	NO			No	Does not exceed criteria.
Methyl Tert Butyl Ether	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	6.20E+00	1	NO			No	Does not exceed criteria.
Methylene Chloride	4	4	ug/L	GTSW-2	J	1 / 4	4 - 4	4.00E-03	7.45E-03	2	NO			No	Does not exceed criteria.
Naphthalene	2	3	ug/L	GTSW-2	U	0 / 8	2 - 3	3.00E-03	2.09E-01	2	NO			No	Does not exceed criteria.
n-Butylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.40E+02	1	NO			No	Does not exceed criteria.
Nitrobenzene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	5.21E-03	2	NO			No	Does not exceed criteria.
N-Nitrosodimethylamine	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.10E-06	2	YES			No	Not detected. No site history of use.
N-Nitrosodi-n-propylamine	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	7.98E-06	2	YES			No	Not detected. No site history of use.
N-Nitrosodiphenylamine	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.14E-02	2	NO			No	Does not exceed criteria.
n-Propylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.40E+02	1	NO			No	Does not exceed criteria.
o-Xylene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	4.34E+00	2	NO			No	Does not exceed criteria.
Pentachlorophenol	9	9	ug/L	GTSW-2	U	0 / 4	9 - 9	9.00E-03	1.00E-03	2	YES			No	Not detected. No site history of use.
Phenanthrene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	3.13E-01	2	NO			No	Does not exceed criteria.
Phenol	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	3.13E+00	2	NO			No	Does not exceed criteria.
Pyrene	2	2	ug/L	GTSW-2	U	0 / 4	2 - 2	2.00E-03	1.80E+02	1	NO			No	Does not exceed criteria.
sec-Butylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.04E-01	2	NO			No	Does not exceed criteria.
Styrene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	1.60E+03	1	NO			No	Does not exceed criteria.
tert-Butylbenzene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.40E+02	1	NO			No	Does not exceed criteria.
Tetrachloroethene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.00E-03	2	YES			No	Not detected. No site history of use.
Toluene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	7.20E+02	1	NO			No	Does not exceed criteria.
trans-1,2-Dichloroethene	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
trans-1,3-Dichloropropene	3	3	ug/L	GTSW-2	U	0 / 4	3 - 3	3.00E-03	3.32E-03	2	NO			No	Does not exceed criteria.
Trichloroethene	5	5	ug/L	GTSW-2	U	0 / 4	5 - 5	5.00E-03	2.05E+00	2	NO			No	Does not exceed criteria.
Trichlorofluoromethane	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Vinyl Acetate	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	no criteria					No	Not detected. No site history of use.
Vinyl Chloride	4	4	ug/L	GTSW-2	U	0 / 4	4 - 4	4.00E-03	2.00E-03	2	YES			No	Not detected. No site history of use.

Notes:
1-USEPA Region 9 PRG
2-IDEQ Initial Default Target Values (IDTL)-groundwater (drinking watar)
3-human health nutrient
4-MCL secondary standard

TABLE 3-2d
CHEMICALS OF POTENTIAL CONCERN-SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics															
Aluminum, total	14500	19000	mg/Kg	GTSED-4	-	4 / 4	3 - 3	1.90E+04	7.60E+04	1	NO			**No**	Does not exceed criteria value.
Antimony, total	0.8	4.8	mg/Kg	GTSED-4	-	4 / 4	0.1 - 0.1	4.80E+00	4.77E+00	2	YES	3.10E+01	NO	**No**	Does not exceed criteria value.
Arsenic, total	4.71	18.2	mg/Kg	GTSED-4	-	4 / 4	0.25 - 0.3	1.82E+01	3.91E-01	2	YES	3.90E-01	YES	**YES**	Exceeds criteria value.
Barium, total	77.9	152	mg/Kg	GTSED-3	-	4 / 4	0.3 - 0.3	1.52E+02	8.96E+02	2	NO			**No**	Does not exceed criteria value.
Beryllium, total	0.7	0.9	mg/Kg	GTSED-4	B	4 / 4	0.2 - 0.2	9.00E-01	1.63E+00	2	NO	1.50E+02	NO	**No**	Does not exceed criteria value.
Cadmium, total	5.2	44.3	mg/Kg	GTSED-4	-	4 / 4	0.5 - 0.5	4.43E+01	1.35E+00	2	YES	3.70E+01	YES	**YES**	Exceeds criteria value.
Calcium, total	44300	122000	mg/Kg	GTSED-4	-	4 / 4	20 - 40	1.22E+05	no criteria	3				**No**	Human health nutrient.
Chromium, total	139	606	mg/Kg	GTSED-4	-	4 / 4	1 - 1	6.06E+02	2.13E+03	2	NO			**No**	Does not exceed criteria value.
Copper, total	29	81	mg/Kg	GTSED-4	-	4 / 4	1 - 1	8.10E+01	9.21E+02	2	NO			**No**	Does not exceed criteria value.
Iron, total	10900	16000	mg/Kg	GTSED-4	-	4 / 4	1 - 1	1.60E+04	5.76E+00	2	YES	2.30E+04	NO	**No**	Does not exceed criteria value.
Lead, total	7.4	13.6	mg/Kg	GTSED-4	-	4 / 4	0.05 - 0.1	1.36E+01	4.96E+01	2	NO	4.00E+02	NO	**No**	Does not exceed criteria value.
Magnesium, total	6750	12200	mg/Kg	GTSED-1	-	4 / 4	20 - 20	1.22E+04	no criteria	3				**No**	Human health nutrient.
Manganese, total	427	788	mg/Kg	GTSED-3	-	4 / 4	0.5 - 0.5	7.88E+02	2.23E+02	2	YES	1.80E+03	NO	**No**	Does not exceed criteria value.
Mercury, total	0.07	0.28	mg/Kg	GTSED-4	-	4 / 4	0.04 - 0.1	2.80E-01	5.09E-03	2	YES	2.30E+01	NO	**No**	Does not exceed criteria value.
Molybdenum, total	5	25	mg/Kg	GTSED-4	-	4 / 4	1 - 1	2.50E+01	3.90E+02	1	NO			**No**	Does not exceed criteria value.
Nickel, total	46	139	mg/Kg	GTSED-4	-	4 / 4	1 - 1	1.39E+02	5.91E+01	2	YES	1.60E+03	NO	**No**	Does not exceed criteria value.
Potassium, total	3790	5930	mg/Kg	GTSED-4	-	4 / 4	30 - 30	5.93E+03	no criteria	3				**No**	Human health nutrient.
Selenium, total	10.6	36	mg/Kg	GTSED-4	-	4 / 4	0.5 - 1	3.60E+01	2.03E+00	2	YES	3.90E+02	NO	**No**	Does not exceed criteria value.
Silver, total	1.13	4.45	mg/Kg	GTSED-4	-	4 / 4	0.03 - 0	4.45E+00	1.89E-01	2	YES	3.90E+02	NO	**No**	Does not exceed criteria value.
Sodium, total	240	810	mg/Kg	GTSED-4	-	4 / 4	30 - 30	8.10E+02	no criteria	3				**No**	Human health nutrient.
Thallium, total	0.41	1.94	mg/Kg	GTSED-4	-	4 / 4	0.03 - 0	1.94E+00	1.55E+00	2	YES	5.20E+00	NO	**No**	Does not exceed criteria value.
Vanadium, total	114	608	mg/Kg	GTSED-4	-	4 / 4	0.5 - 0.5	6.08E+02	7.80E+01	1	YES	7.80E+01	YES	**YES**	Exceeds criteria value.
Zinc, total	217	821	mg/Kg	GTSED-4	-	4 / 4	1 - 1	8.21E+02	8.86E+02	2	NO	2.30E+04	NO	**No**	Does not exceed criteria value.
Organics															
1,1,1,2-Tetrachloroethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	4.09E-02	2	NO			**No**	Does not exceed criteria value.
1,1,1-Trichloroethane	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	2.00E+00	2	NO			**No**	Does not exceed criteria value.
1,1,2,2-Tetrachloroethane	30	30	ug/Kg	GTSED-2	U	0 / 1	30 - 30	3.00E-02	9.15E-04	2	YES			**No**	Not detected. No site history of use.
1,1,2-Trichloroethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.41E-02	2	YES			**No**	Not detected. No site history of use.
1,1-Dichloroethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.48E+00	2	NO			**No**	Does not exceed criteria value.
1,1-Dichloroethene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.88E-02	2	YES			**No**	Not detected. No site history of use.
1,1-Dichloropropene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	7.80E-01	4	NO			**No**	Does not exceed criteria value.
1,2,3-Trichlorobenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	6.92E-01	5	NO			**No**	Does not exceed criteria value.
1,2,3-Trichloropropane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.45E-04	2	YES			**No**	Not detected. No site history of use.
1,2,4-Trichlorobenzene	30	200	ug/Kg	GTSED-2	U	0 / 2	30 - 200	2.00E-01	6.92E-01	2	NO			**No**	Does not exceed criteria value.
1,2,4-Trimethylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.93E-01	2	NO			**No**	Does not exceed criteria value.
1,2-Dibromo-3-chloropropane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	9.75E-04	2	YES			**No**	Not detected. No site history of use.
1,2-Dibromoethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.20E-02	1	YES			**No**	Not detected. No site history of use.
1,2-Dichlorobenzene	40	200	ug/Kg	GTSED-2	U	0 / 2	40 - 200	2.00E-01	3.00E-02	6	YES			**No**	Not detected. No site history of use.
1,2-Dichloroethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	7.67E-03	2	YES			**No**	Not detected. No site history of use.
1,2-Dichloropropane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	8.90E-03	2	YES			**No**	Not detected. No site history of use.
1,3,5-Trimethylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.45E-01	2	NO			**No**	Does not exceed criteria value.
1,3-Dichlorobenzene	40	200	ug/Kg	GTSED-2	U	0 / 2	40 - 200	2.00E-01	2.29E-01	2	NO			**No**	Does not exceed criteria value.
1,3-Dichloropropane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.45E-03	2	YES			**No**	Not detected. No site history of use.
1,4-Dichlorobenzene	40	200	ug/Kg	GTSED-2	U	0 / 2	40 - 200	2.00E-01	7.55E-02	2	YES			**No**	Not detected. No site history of use.

TABLE 3-2d
CHEMICALS OF POTENTIAL CONCERN-SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
2,2-Dichloropropane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.00E-02	6	YES			No	Not detected. No site history of use.
2,4,5-Trichlorophenol	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	7.38E+00	2	NO			No	Does not exceed criteria value.
2,4,6-Trichlorophenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.36E-03	2	YES			No	Not detected. No site history of use.
2,4-Dichlorophenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	9.78E-02	2	YES			No	Not detected. No site history of use.
2,4-Dimethylphenol	400	400	ug/Kg	GTSED-2	U	0 / 1	400 - 400	4.00E-01	8.19E-01	2	NO			No	Does not exceed criteria value.
2,4-Dinitrophenol	2000	2000	ug/Kg	GTSED-2	U	0 / 1	2000 - ###	2.00E+00	3.84E-02	2	YES			No	Not detected. No site history of use.
2,4-Dinitrotoluene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	2.90E-04	2	YES			No	Not detected. No site history of use.
2,6-Dinitrotoluene	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	2.12E-04	2	YES			No	Not detected. No site history of use.
2-Butanone	100	100	ug/Kg	GTSED-2	J	1 / 1	100 - 100	1.00E-01	1.18E+01	2	NO			No	Does not exceed criteria value.
2-Chloroethyl vinyl ether	500	500	ug/Kg	GTSED-2	U	0 / 1	500 - 500	5.00E-01	no criteria		NA			No	Not detected. No site history of use.
2-Chloronaphthalene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.28E+02	2	NO			No	Does not exceed criteria value.
2-Chlorophenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.65E-01	2	NO			No	Does not exceed criteria value.
2-Chlorotoluene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.56E+00	2	NO			No	Does not exceed criteria value.
2-Hexanone	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	no criteria		NA			No	Not detected. No site history of use.
2-Methylnaphthalene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.31E+00	2	NO			No	Does not exceed criteria value.
2-Methylphenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.80E+00	2	NO			No	Does not exceed criteria value.
2-Nitroaniline	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	7.25E-02	2	YES			No	Not detected. No site history of use.
2-Nitrophenol	400	400	ug/Kg	GTSED-2	U	0 / 1	400 - 400	4.00E-01	no criteria		NA			No	Not detected. No site history of use.
3- & 4-Methylphenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.41E-01	2	YES			No	Not detected. No site history of use.
3,3-Dichlorobenzidine	400	400	ug/Kg	GTSED-2	U	0 / 1	400 - 400	4.00E-01	7.00E-03	1	YES			No	Not detected. No site history of use.
3-Nitroaniline	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	3.18E-03	2	YES			No	Not detected. No site history of use.
4,6-Dinitro-2-methylphenol	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	no criteria		NA			No	Not detected. No site history of use.
4-Bromophenyl phenyl ether	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	5.45E-03	2	YES			No	Not detected. No site history of use.
4-Chloro-3-methylphenol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	no criteria		NA			No	Not detected. No site history of use.
4-Chloroaniline	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.26E-01	2	YES			No	Not detected. No site history of use.
4-Chlorophenyl phenyl ether	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	no criteria		NA			No	Not detected. No site history of use.
4-Chlorotoluene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	no criteria		NA			No	Not detected. No site history of use.
4-Isopropyltoluene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	no criteria		NA			No	Not detected. No site history of use.
4-Methyl-2-Pentanone	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.76E+01	2	NO			No	Does not exceed criteria value.
4-Nitroaniline	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	2.99E-03	2	YES			No	Not detected. No site history of use.
4-Nitrophenol	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	2.26E-01	2	YES			No	Not detected. No site history of use.
Acenaphthene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	5.23E+01	2	NO			No	Does not exceed criteria value.
Acenaphthylene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	7.80E+01	2	NO			No	Does not exceed criteria value.
Acetone	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.74E+01	2	NO			No	Does not exceed criteria value.
Acrylonitrile	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.94E-04	2	YES			No	Not detected. No site history of use.
Anthracene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.20E+04	1	NO			No	Does not exceed criteria value.
Aroclor 1016	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	2.33E+00	2	NO			No	Does not exceed criteria value.
Aroclor 1221	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	2.94E-03	2	YES			No	Not detected. No site history of use.
Aroclor 1232	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	no criteria		NA			No	Not detected. No site history of use.
Aroclor 1242	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	3.18E-03	2	YES			No	Not detected. No site history of use.
Aroclor 1248	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.37E-01	2	NO			No	Does not exceed criteria value.
Aroclor 1254	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	7.40E-01	2	NO			No	Does not exceed criteria value.
Aroclor 1260	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.47E-01	2	NO			No	Does not exceed criteria value.
Azobenzene	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	1.30E-02	2	YES			No	Not detected. No site history of use.
Benzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.78E-02	2	YES			No	Not detected. No site history of use.

TABLE 3-2d
CHEMICALS OF POTENTIAL CONCERN-SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Benzo(a)anthracene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E-01	2	NO			No	Does not exceed criteria value.
Benzo(a)pyrene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E-02	2	YES			No	Not detected. No site history of use.
Benzo(b)fluoranthene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E-01	2	NO			No	Does not exceed criteria value.
Benzo(g,h,i)perylene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.18E+03	2	NO			No	Does not exceed criteria value.
Benzo(k)fluoranthene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E+00	2	NO			No	Does not exceed criteria value.
Benzoic acid	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	7.71E+01	2	NO			No	Does not exceed criteria value.
Benzyl alcohol	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	6.43E+00	2	NO			No	Does not exceed criteria value.
Bis(2-chloroethoxy)methane	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	no criteria		NA			No	Not detected. No site history of use.
Bis(2-chloroethyl) ether	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.08E-04	2	YES			No	Not detected. No site history of use.
Bis(2-chloroisopropyl) ether	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.11E+00	2	NO			No	Does not exceed criteria value.
Bis(2-ethylhexyl) phthalate	400	400	ug/Kg	GTSED-2	U	0 / 1	400 - 400	4.00E-01	1.18E+01	2	NO			No	Does not exceed criteria value.
Bromobenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.80E+01	1	NO			No	Does not exceed criteria value.
Bromochloromethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	no criteria		NA			No	Not detected. No site history of use.
Bromodichloromethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.68E-03	2	YES			No	Not detected. No site history of use.
Bromoform	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.92E-02	2	YES			No	Not detected. No site history of use.
Bromomethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	5.01E-02	2	NO			No	Does not exceed criteria value.
Butyl benzyl phthalate	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	5.11E+02	2	NO			No	Does not exceed criteria value.
Carbon Disulfide	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	5.97E+00	2	NO			No	Does not exceed criteria value.
Carbon Tetrachloride	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.14E-02	2	YES			No	Not detected. No site history of use.
Chlorobenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	6.18E-01	2	NO			No	Does not exceed criteria value.
Chloroethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	5.33E-02	2	NO			No	Does not exceed criteria value.
Chloroform	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	5.64E-03	2	YES			No	Not detected. No site history of use.
Chloromethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.31E-02	2	YES			No	Not detected. No site history of use.
Chrysene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.34E+01	2	NO			No	Does not exceed criteria value.
cis-1,2-Dichloroethene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.93E-01	2	NO			No	Does not exceed criteria value.
cis-1,3-Dichloropropene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.45E-03	2	YES			No	Not detected. No site history of use.
Dibenzo(a,h)anthracene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E-02	2	YES			No	Not detected. No site history of use.
Dibenzofuran	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	6.10E+00	2	NO			No	Does not exceed criteria value.
Dibromochloromethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.02E-03	2	YES			No	Not detected. No site history of use.
Dibromomethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	6.70E+01	1	NO			No	Does not exceed criteria value.
Dichlorodifluoromethane	50	50	ug/Kg	GTSED-2	U	0 / 1	50 - 50	5.00E-02	1.70E+01	1	NO			No	Does not exceed criteria value.
Diethylphthalate	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	2.40E+02	1	NO			No	Does not exceed criteria value.
Dimethyl phthalate	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	2.40E+02	1	NO			No	Does not exceed criteria value.
Di-n-butyl phthalate	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.30E+02	1	NO			No	Does not exceed criteria value.
Di-n-octyl phthalate	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.83E+03	2	NO			No	Does not exceed criteria value.
Ethylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.02E+01	2	NO			No	Does not exceed criteria value.
Fluoranthene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.64E+02	2	NO			No	Does not exceed criteria value.
Fluorene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	5.48E+01	2	NO			No	Does not exceed criteria value.
Hexachlorobenzene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.27E-02	2	YES			No	Not detected. No site history of use.
Hexachlorobutadiene	40	200	ug/Kg	38133.51	U	0 / 2	40 - 200	2.00E-01	3.78E-02	2	YES			No	Not detected. No site history of use.
Hexachlorocyclopentadiene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.16E-02	2	YES			No	Not detected. No site history of use.
Hexachloroethane	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.38E-01	2	YES			No	Not detected. No site history of use.
Indeno(1,2,3-cd)pyrene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	4.22E-01	2	NO			No	Does not exceed criteria value.
Isophorone	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.40E-01	2	YES			No	Not detected. No site history of use.
Isopropylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.46E+00	2	NO			No	Does not exceed criteria value.

TABLE 3-2d
CHEMICALS OF POTENTIAL CONCERN-SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Field Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)	Criteria Value (mg/kg)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/kg)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
m,p-Xylene	100	100	ug/Kg	GTSED-2	U	0 / 1	100 - 100	1.00E-01	1.67E+00	2	NO			No	Does not exceed criteria value.
Methyl Tert Butyl Ether	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.70E+01	1	NO			No	Does not exceed criteria value.
Methylene Chloride	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.69E-02	2	YES			No	Not detected. No site history of use.
Naphthalene	30	200	ug/Kg	38133.51	U	0 / 2	30 - 200	2.00E-01	1.14E+00	2	NO			No	Does not exceed criteria value.
n-Butylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.40E+02	1	NO			No	Does not exceed criteria value.
Nitrobenzene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	2.18E-02	2	YES			No	Not detected. No site history of use.
N-Nitrosodimethylamine	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	2.09E-06	2	YES			No	Not detected. No site history of use.
N-Nitrosodi-n-propylamine	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	1.81E-05	2	YES			No	Not detected. No site history of use.
N-Nitrosodiphenylamine	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	8.80E-02	2	YES			No	Not detected. No site history of use.
n-Propylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.40E+02	1	NO			No	Does not exceed criteria value.
o-Xylene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.67E+00	2	NO			No	Does not exceed criteria value.
Pentachlorophenol	900	900	ug/Kg	GTSED-2	U	0 / 1	900 - 900	9.00E-01	9.07E-03	2	YES			No	Not detected. No site history of use.
Phenanthrene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	7.90E+01	2	NO			No	Does not exceed criteria value.
Phenol	400	400	ug/Kg	GTSED-2	U	0 / 1	400 - 400	4.00E-01	7.36E+00	2	NO			No	Does not exceed criteria value.
Pyrene	200	200	ug/Kg	GTSED-2	U	0 / 1	200 - 200	2.00E-01	3.59E+02	2	NO			No	Does not exceed criteria value.
sec-Butylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.17E+00	2	NO			No	Does not exceed criteria value.
Styrene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.83E+00	2	NO			No	Does not exceed criteria value.
tert-Butylbenzene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	8.52E-01	2	NO			No	Does not exceed criteria value.
Tetrachloroethene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	2.88E-02	2	YES			No	Not detected. No site history of use.
Toluene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	4.89E+00	2	NO			No	Does not exceed criteria value.
trans-1,2-Dichloroethene	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	3.65E-01	2	NO			No	Does not exceed criteria value.
trans-1,3-Dichloropropene	30	30	ug/Kg	GTSED-2	U	0 / 1	30 - 30	3.00E-02	2.45E-03	2	YES			No	Not detected. No site history of use.
Trichloroethene	50	50	ug/Kg	GTSED-2	U	0 / 1	50 - 50	5.00E-02	2.88E-03	2	YES			No	Not detected. No site history of use.
Trichlorofluoromethane	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	1.04E+01	2	NO			No	Does not exceed criteria value.
Vinyl Acetate	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	4.30E+02	1	NO			No	Does not exceed criteria value.
Vinyl Chloride	40	40	ug/Kg	GTSED-2	U	0 / 1	40 - 40	4.00E-02	9.63E-03	2	YES			No	Not detected. No site history of use.

Notes:
1-USEPA Region 9 PRG
2-IDEQ Initial Default Target Values (IDTL)-soil
3-human health nutrient
4-USEPA Region 9, 1,3-dichloropropene used as a surrogate
5-USEPA Region 9, 1,2,4-Trichlorobenzene used as surrogate
6-USEPA Region 9, 1,2-Dichloropropane used as surrogate

TABLE 3-2e
CHEMICALS OF POTENTIAL CONCERN-SHALLOW GROUNDWATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics															
Aluminum, total	0.24	127	mg/L	GT-6	-	57 / 57	0.03 - 0.3	1.27E+02	3.60E+04	1	NO			**No**	Does not exceed criteria.
Antimony, total	0.0002	0.0062	mg/L	GT-5	U	26 / 57	0.0002 - 0.001	6.20E-03	6.00E-03	2	YES	1.50E+01	NO	**No**	Does not exceed criteria.
Arsenic, total	0.0005	0.126	mg/L	GT-5	-	55 / 57	0.0005 - 0.003	1.26E-01	1.00E-02	2	YES	4.50E-02	YES	**YES**	Does not exceed criteria.
Barium, total	0.062	2.86	mg/L	GT-2	-	57 / 57	0.003 - 0.03	2.86E+00	2.00E+00	2	YES	2.60E+04	NO	**No**	Does not exceed criteria.
Beryllium, total	0.002	0.02	mg/L	GT-6	U	10 / 57	0.002 - 0.02	2.00E-02	4.00E-03	2	YES	7.30E+01	NO	**No**	Does not exceed criteria.
Cadmium, total	0.005	0.05	mg/L	GT-6	U	18 / 57	0.005 - 0.05	5.00E-02	5.00E-03	2	YES	1.80E+01	NO	**No**	Does not exceed criteria.
Calcium, total	63.6	385	mg/L	GT-6	-	57 / 57	0.2 - 2	3.85E+02	no criteria	3	NO			**No**	Does not exceed criteria.
Chloride	1	20	mg/L	GT-4	-	55 / 57	1 - 1	2.00E+01	no criteria		NO			**No**	Does not exceed criteria.
Chromium, total	0.01	0.3	mg/L	GT-5	-	39 / 57	0.01 - 0.1	3.00E-01	1.00E-01	2	YES	1.10E+02	NO	**No**	Does not exceed criteria.
Copper, total	0.01	0.17	mg/L	GT-5	-	48 / 57	0.01 - 0.1	1.70E-01	1.30E+00	2	NO			**No**	Does not exceed criteria.
Fluoride	0.1	1.3	mg/L	GT-4	-	29 / 57	0.1 - 0.1	1.30E+00	4.00E+00	2	NO	2.20E+03	NO	**No**	Does not exceed criteria.
Iron, total	0.18	146	mg/L	GT-6	-	57 / 57	0.01 - 0.2	1.46E+02	3.13E+00	2	YES	1.10E+04	NO	**No**	Does not exceed criteria.
Lead, total	0.0001	0.0937	mg/L	GT-6	-	56 / 57	0.0001 - 0.0005	9.37E-02	1.50E-02	2	YES			**YES**	Maximum result exceeds criteria.
Magnesium, total	16.4	154	mg/L	GT-5	-	57 / 57	0.2 - 2	1.54E+02	no criteria	3	NO			**No**	Does not exceed criteria.
Manganese, total	0.015	7.62	mg/L	GT-6	-	57 / 57	0.005 - 0.05	7.62E+00	2.50E-01	2	YES	8.80E+02	NO	**No**	Does not exceed criteria.
Mercury, total	0.0002	0.002	mg/L	GT-6	U	5 / 57	0.0002 - 0.002	2.00E-03	2.00E-03	2	NO			**No**	Does not exceed criteria.
Molybdenum, total	0.01	0.1	mg/L	GT-6	U	10 / 57	0.01 - 0.1	1.00E-01	1.80E+02	1	NO			**No**	Does not exceed criteria.
Nickel, total	0.01	0.25	mg/L	GT-6	-	43 / 57	0.01 - 0.1	2.50E-01	2.09E-01	2	YES	7.30E+02	NO	**No**	Does not exceed criteria.
Nitrate/Nitrite as N	0.02	81.5	mg/L	GT-5	-	39 / 57	0.02 - 0.8	8.15E+01	1.00E+00	2	YES	1.00E+03	NO	**No**	Does not exceed criteria.
Phosphorus, ortho dissolved	0.01	98	mg/L	GT-5	H	57 / 57	0.01 - 5	9.80E+01	no criteria		NO			**No**	Does not exceed criteria.
Potassium, total	0.8	38.8	mg/L	GT-2	-	57 / 57	0.3 - 3	3.88E+01	no criteria	3	NO			**No**	Does not exceed criteria.
Selenium, total	0.001	0.065	mg/L	GT-1	-	39 / 57	0.001 - 0.01	6.50E-02	1.80E+02	1	NO			**No**	Does not exceed criteria.
Silver, total	0.00005	0.00862	mg/L	GT-5	-	39 / 57	5E-05 - 0.0003	8.62E-03	1.80E+02	1	NO			**No**	Does not exceed criteria.
Sodium, total	2.9	110	mg/L	GT-2	-	57 / 57	0.3 - 3	1.10E+02	no criteria	3	NO			**No**	Does not exceed criteria.
Sulfate	0.6	186	mg/L	GT-4	H	57 / 57	0.5 - 1	1.86E+02	2.50E+02	4	NO			**No**	Does not exceed criteria.
Thallium, total	0.00005	0.0022	mg/L	GT-5	-	47 / 57	5E-05 - 0.0005	2.20E-03	2.40E+00	1	NO			**No**	Does not exceed criteria.
Vanadium, total	0.005	0.487	mg/L	GT-5	-	52 / 57	0.005 - 0.05	4.87E-01	3.60E+01	1	NO			**No**	Does not exceed criteria.
Zinc, total	0.01	0.98	mg/L	GT-6	-	55 / 57	0.01 - 0.1	9.80E-01	3.13E+00	2	NO			**No**	Does not exceed criteria.
Organics															
1,1,1,2-Tetrachloroethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.15E-03	2	YES			**No**	Not detected.
1,1,1-Trichloroethane	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	2.00E-01	2	NO			**No**	Not detected.
1,1,2,2-Tetrachloroethane	3	3	ug/L	GT-5	U	0 / 15	3 - 3	3.00E-03	2.79E-04	2	YES			**No**	Not detected.
1,1,2-Trichloroethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	5.00E-03	2	NO			**No**	Not detected.
1,1-Dichloroethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.04E+00	2	NO			**No**	Not detected.
1,1-Dichloroethene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	7.00E-03	2	NO			**No**	Not detected.
1,1-Dichloropropene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			**No**	Not detected.
1,2,3-Trichlorobenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			**No**	Not detected.
1,2,3-Trichloropropane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.79E-05	2	YES			**No**	Not detected.
1,2,4-Trichlorobenzene	2	3	ug/L	GT-5	U	0 / 35	2 - 3	3.00E-03	7.00E-02	2	NO			**No**	Not detected.
1,2,4-Trimethylbenzene	4	12	ug/L	GT-5	-	5 / 15	4 - 4	1.20E-02	4.39E-01	2	NO			**No**	Does not exceed criteria.
1,2-Dibromo-3-chloropropane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.00E-04	2	YES			**No**	Not detected.
1,2-Dibromoethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			**No**	Not detected.
1,2-Dichlorobenzene	2	4	ug/L	GT-5	U	0 / 35	2 - 4	4.00E-03	6.00E-01	2	NO			**No**	Not detected.
1,2-Dichloroethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	5.00E-03	2	NO			**No**	Not detected.

TABLE 3-2e
CHEMICALS OF POTENTIAL CONCERN-SHALLOW GROUNDWATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
1,2-Dichloropropane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	5.00E-03	2	NO			No	Not detected.
1,3,5-Trimethylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	3.04E-01	2	NO			No	Not detected.
1,3-Dichlorobenzene	2	4	ug/L	GT-5	U	0 / 35	2 - 4	4.00E-03	9.39E-03	2	NO			No	Not detected.
1,3-Dichloropropane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NO			No	Not detected.
1,4-Dichlorobenzene	2	4	ug/L	GT-5	U	0 / 35	2 - 4	4.00E-03	7.50E-02	2	NO			No	Not detected.
2,2-Dichloropropane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NO			No	Not detected.
2,4,5-Trichlorophenol	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	1.04E+00	2	NO			No	Not detected.
2,4,6-Trichlorophenol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.04E-03	2	YES			No	Not detected.
2,4-Dichlorophenol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.13E-02	2	NO			No	Not detected.
2,4-Dimethylphenol	4	4	ug/L	GT-6	U	0 / 20	4 - 4	4.00E-03	2.09E-01	2	NO			No	Not detected.
2,4-Dinitrophenol	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	2.09E-02	2	NO			No	Not detected.
2,4-Dinitrotoluene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	8.22E-05	2	YES			No	Not detected.
2,6-Dinitrotoluene	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	8.22E-05	2	YES			No	Not detected.
2-Butanone	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	6.26E+00	2	NO			No	Not detected.
2-Chloroethyl vinyl ether	5	5	ug/L	GT-5	U	0 / 15	5 - 5	5.00E-03	no criteria		NA			No	Not detected.
2-Chloronaphthalene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	8.34E-01	2	NO			No	Not detected.
2-Chlorophenol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	5.21E-02	2	NO			No	Not detected.
2-Chlorotoluene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.09E-01	2	NO			No	Not detected.
2-Hexanone	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	no criteria		NA			No	Not detected.
2-Methylnaphthalene	2	37	ug/L	GT-2	-	9 / 20	2 - 2	3.70E-02	4.17E-02	2	NO			No	Does not exceed criteria.
2-Methylphenol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	5.21E-01	2	NO			No	Not detected.
2-Nitroaniline	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	3.13E-02	2	NO			No	Not detected.
2-Nitrophenol	4	4	ug/L	GT-6	U	0 / 20	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
3- & 4-Methylphenol	4	4	ug/L	GT-6	U	0 / 20	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
3,3-Dichlorobenzidine	4	4	ug/L	GT-6	U	0 / 20	4 - 4	4.00E-03	1.24E-04	2	YES			No	Not detected.
3-Nitroaniline	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	1.47E-03	2	YES			No	Not detected.
4,6-Dinitro-2-methylphenol	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	no criteria		NA			No	Not detected.
4-Bromophenyl phenyl ether	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.72E-06	2	YES			No	Not detected.
4-Chloro-3-methylphenol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	no criteria		NA			No	Not detected.
4-Chloroaniline	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	4.17E-02	2	NO			No	Not detected.
4-Chlorophenyl phenyl ether	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	no criteria		NA			No	Not detected.
4-Chlorotoluene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
4-Isopropyltoluene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
4-Methyl-2-Pentanone	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	8.97E+00	2	NO			No	Not detected.
4-Nitroaniline	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	1.47E-03	2	YES			No	Not detected.
4-Nitrophenol	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	8.34E-02	2	NO			No	Not detected.
Acenaphthene	2	9	ug/L	GT-4	J	8 / 20	2 - 2	9.00E-03	6.26E-01	2	NO			No	Does not exceed criteria.
Acenaphthylene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	6.26E-01	2	NO			No	Not detected.
Acetone	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	9.39E+00	2	NO			No	Not detected.
Acrylonitrile	20	20	ug/L	GT-5	U	0 / 15	20 - 20	2.00E-02	1.03E-04	2	YES			No	Not detected.
Anthracene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.13E+00	2	NO			No	Not detected.
Aroclor 1016	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	7.30E-04	2	YES			No	Not detected.
Aroclor 1221	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	2.79E-05	2	YES			No	Not detected.
Aroclor 1232	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	no criteria		NA			No	Not detected.
Aroclor 1242	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	2.79E-05	2	YES			No	Not detected.

TABLE 3-2e
CHEMICALS OF POTENTIAL CONCERN-SHALLOW GROUNDWATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Aroclor 1248	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	2.79E-05	2	YES			No	Not detected.
Aroclor 1254	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	2.09E-04	2	YES			No	Not detected.
Aroclor 1260	0.9	5	ug/L	GT-5	U	0 / 16	0.9 - 5	5.00E-03	2.79E-05	2	YES			No	Not detected.
Azobenzene	9	10	ug/L	GT-6	U	0 / 20	9 - 10	1.00E-02	5.08E-04	2	YES			No	Not detected.
Benzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	5.00E-03	2	NO			No	Not detected.
Benzo(a)anthracene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-05	2	YES			No	Not detected.
Benzo(a)pyrene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	2.00E-04	2	YES			No	Not detected.
Benzo(b)fluoranthene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-05	2	YES			No	Not detected.
Benzo(g,h,i)perylene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.13E-01	2	NO			No	Not detected.
Benzo(k)fluoranthene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-04	2	YES			No	Not detected.
Benzoic acid	9	30	ug/L	GT-4	J	8 / 20	9 - 10	3.00E-02	4.17E+01	2	NO			No	Does not exceed criteria.
Benzyl alcohol	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.13E+00	2	NO			No	Not detected.
Bis(2-chloroethoxy)methane	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	5.08E-05	2	YES			No	Not detected.
Bis(2-chloroethyl) ether	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	no criteria		NA			No	Not detected.
Bis(2-chloroisopropyl) ether	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	4.17E-01	2	NO			No	Not detected.
Bis(2-ethylhexyl) phthalate	4	12	ug/L	GT-4	J	5 / 20	4 - 4	1.20E-02	6.00E-03	2	YES			No	Laboratory contaminant. No site histo
Bromobenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Bromochloromethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Bromodichloromethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	9.01E-04	2	YES			No	Not detected.
Bromoform	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	7.07E-03	2	NO			No	Not detected.
Bromomethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.46E-02	2	NO			No	Not detected.
Butyl benzyl phthalate	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	2.09E+00	2	NO			No	Not detected.
Carbaryl	10	10	ug/L	GT-5	U	0 / 2	10 - 10	1.00E-02	no criteria		NA			No	Not detected.
Carbon Disulfide	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.04E+00	2	NO			No	Not detected.
Carbon Tetrachloride	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	4.56E-03	2	YES			No	Not detected.
Chlorobenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.00E-01	2	NO			No	Not detected.
Chloroethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.93E-02	2	NO			No	Not detected.
Chloroform	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.80E-03	2	YES			No	Not detected.
Chloromethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	4.30E-03	2	NO			No	Not detected.
Chrysene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-03	2	NO			No	Not detected.
cis-1,2-Dichloroethene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
cis-1,3-Dichloropropene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Dibenzo(a,h)anthracene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-06	2	YES			No	Not detected.
Dibenzofuran	2	11	ug/L	GT-4	-	6 / 20	2 - 2	1.10E-02	4.17E-02	2	NO			No	Does not exceed criteria.
Dibromochloromethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	6.65E-04	2	YES			No	Not detected.
Dibromomethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Dichlorodifluoromethane	5	5	ug/L	GT-5	U	0 / 15	5 - 5	5.00E-03	1.95E-01	2	NO			No	Not detected.
Diethylphthalate	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	8.34E+00	2	NO			No	Not detected.
Dimethyl phthalate	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.04E+02	2	NO			No	Not detected.
Di-n-butyl phthalate	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.04E+00	2	NO			No	Not detected.
Di-n-octyl phthalate	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	4.17E-01	2	NO			No	Not detected.
Ethylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	7.00E-01	2	NO			No	Not detected.
Fluoranthene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	4.17E-01	2	NO			No	Not detected.
Fluorene	2	12	ug/L	GT-4	-	7 / 20	2 - 2	1.20E-02	4.17E-01	2	NO			No	Does not exceed criteria.
Hexachlorobenzene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.00E-03	2	YES			No	Not detected.

TABLE 3-2e
CHEMICALS OF POTENTIAL CONCERN-SHALLOW GROUNDWATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening						
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	USEPA Region 9 PRG (mg/L)	Maximum Result > PRG?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Hexachlorobutadiene	2	4	ug/L	GT-5	U	0 / 35	2 - 4	4.00E-03	7.16E-04	2	YES			No	Not detected.
Hexachlorocyclopentadiene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.01E-03	2	NO			No	Not detected.
Hexachloroethane	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	3.99E-03	2	NO			No	Not detected.
Indeno(1,2,3-cd)pyrene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.65E-05	2	YES			No	Not detected.
Isophorone	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	5.88E-02	2	NO			No	Not detected.
Isopropylbenzene	4	11	ug/L	GT-5	-	7 / 15	4 - 4	1.10E-02	1.04E+00	2	NO			No	Does not exceed criteria.
m,p-Xylene	10	10	ug/L	GT-5	U	0 / 15	10 - 10	1.00E-02	4.34E+00	2	NO			No	Not detected.
Methyl Tert Butyl Ether	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Methylene Chloride	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	7.45E-03	2	NO			No	Not detected.
Naphthalene	2	29	ug/L	GT-2	-	9 / 35	2 - 3	2.90E-02	2.09E-01	2	NO			No	Does not exceed criteria.
n-Butylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Nitrobenzene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	5.21E-03	2	NO			No	Not detected.
N-Nitrosodimethylamine	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.10E-06	2	YES			No	Not detected.
N-Nitrosodi-n-propylamine	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	7.98E-06	2	YES			No	Not detected.
N-Nitrosodiphenylamine	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	1.14E-02	2	NO			No	Not detected.
n-Propylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
o-Xylene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	4.34E+00	2	NO			No	Not detected.
Pentachlorophenol	9	10	ug/L	GT-6	U	1 / 20	9 - 10	1.00E-02	1.00E-03	2	YES			No	Not detected.
Phenanthrene	2	8	ug/L	GT-4	J	7 / 20	2 - 2	8.00E-03	3.13E-01	2	NO			No	Does not exceed criteria.
Phenol	4	4	ug/L	GT-6	U	0 / 20	4 - 4	4.00E-03	3.13E+00	2	NO			No	Not detected.
Pyrene	2	2	ug/L	GT-6	U	0 / 20	2 - 2	2.00E-03	no criteria		NA			No	Not detected.
sec-Butylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.04E-01	2	NO			No	Not detected.
Styrene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.00E-01	2	NO			No	Not detected.
tert-Butylbenzene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.04E-01	2	NO			No	Not detected.
Tetrachloroethene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	5.00E-03	2	NO			No	Not detected.
Toluene	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	1.00E+00	2	NO			No	Not detected.
trans-1,2-Dichloroethene	4	4	ug/Kg	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
trans-1,3-Dichloropropene	3	3	ug/L	GT-5	U	0 / 15	3 - 3	3.00E-03	no criteria		NA			No	Not detected.
Trichloroethene	5	5	ug/L	GT-5	U	0 / 15	5 - 5	5.00E-03	3.32E-03	2	YES			No	Not detected.
Trichlorofluoromethane	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.05E+00	2	NO			No	Not detected.
Vinyl Acetate	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	no criteria		NA			No	Not detected.
Vinyl Chloride	4	4	ug/L	GT-5	U	0 / 15	4 - 4	4.00E-03	2.00E-03	2	YES			No	Not detected.

Notes:
1-USEPA Region 9 PRG
2-IDEQ Initial Default Target Values (IDTL)-groundwater (drinking water)
3-human health nutrient
4-MCL secondary standard

TABLE 3-2f
CHEMICALS OF POTENTIAL CONCERN-DEEP GROUNDWATER
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample Results Summary									COPC Screening				
Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/L)	Criteria Value (mg/L)	Note	Maximum Result > Criteria Value?	Include analyte in further analysis?	Rationale for inclusion or exclusion
Inorganics													
Aluminum, total	0.03	0.74	mg/L	GT-7	-	9 / 11	0.03 - 0.03	7.40E-01	3.60E+04	1	NO	No	Does not exceed criteria.
Antimony, total	0.0002	0.0004	mg/L	GT-DEEP	U	0 / 11	0.00 - 0.00	4.00E-04	6.00E-03	2	NO	No	Not detected.
Arsenic, total	0.0005	0.0005	mg/L	NORTH WELL	U	0 / 11	0.00 - 0.00	5.00E-04	1.00E-02	2	NO	No	Not detected.
Barium, total	0.051	0.08	mg/L	GT-7	-	11 / 11	0.00 - 0.00	8.00E-02	2.00E+00	2	NO	No	Does not exceed criteria.
Beryllium, total	0.002	0.002	mg/L	NORTH WELL	U	0 / 11	0.00 - 0.00	2.00E-03	4.00E-03	2	NO	No	Not detected.
Cadmium, total	0.005	0.005	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	5.00E-03	5.00E-03	2	NO	No	Not detected.
Calcium, total	61.7	92.9	mg/L	GT-7	-	11 / 11	0.20 - 0.20	9.29E+01	no criteria	3	NA	No	Does not exceed criteria.
Chloride	1	10	mg/L	GT-7	-	10 / 11	1.00 - 1.00	1.00E+01	no criteria		NA	No	Does not exceed criteria.
Chromium, total	0.01	0.01	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	1.00E-02	1.00E-01	2	NO	No	Not detected.
Copper, total	0.01	0.01	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	1.00E-02	1.30E+00	2	NO	No	Not detected.
Fluoride	0.1	0.2	mg/L	NORTH WELL	B	9 / 11	0.10 - 0.10	2.00E-01	4.00E+00	2	NO	No	Does not exceed criteria.
Iron, total	0.02	2.43	mg/L	NORTH WELL	-	11 / 11	0.01 - 0.02	2.43E+00	3.13E+00	2	NO	No	Does not exceed criteria.
Lead, total	0.0001	0.0006	mg/L	GT-7	-	10 / 11	0.00 - 0.00	6.00E-04	1.50E-02	2	NO	No	Does not exceed criteria.
Magnesium, total	19.7	23.9	mg/L	GT-7	-	11 / 11	0.20 - 0.20	2.39E+01	no criteria	3	NA	No	Does not exceed criteria.
Manganese, total	0.005	0.057	mg/L	NORTH WELL	-	9 / 11	0.01 - 0.01	5.70E-02	2.50E-01	2	NO	No	Does not exceed criteria.
Mercury, total	0.0002	0.0002	mg/L	NORTH WELL	U	0 / 11	0.00 - 0.00	2.00E-04	2.00E-03	2	NO	No	Not detected.
Molybdenum, total	0.01	0.01	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	1.00E-02	1.80E+02	1	NO	No	Not detected.
Nickel, total	0.01	0.01	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	1.00E-02	2.09E-01	2	NO	No	Not detected.
Nitrate/Nitrite as N	0.09	0.57	mg/L	GT-DEEP	-	11 / 11	0.02 - 0.02	5.70E-01	1.00E+00	2	NO	No	Does not exceed criteria.
Phosphorus, ortho dissolved	0.01	0.08	mg/L	GT-7	H	11 / 11	0.01 - 0.01	8.00E-02	no criteria		NA	No	Does not exceed criteria.
Potassium, total	0.7	1.6	mg/L	NORTH WELL	-	11 / 11	0.30 - 0.30	1.60E+00	no criteria	3	NA	No	Does not exceed criteria.
Selenium, total	0.001	0.006	mg/L	GT-DEEP	-	10 / 11	0.00 - 0.00	6.00E-03	1.80E+02	1	NO	No	Does not exceed criteria.
Silver, total	0.00005	0.00005	mg/L	NORTH WELL	U	0 / 11	0.00 - 0.00	5.00E-05	1.80E+02	1	NO	No	Not detected.
Sodium, total	4.2	25	mg/L	NORTH WELL	-	11 / 11	0.30 - 0.30	2.50E+01	no criteria	3	NA	No	Does not exceed criteria.
Sulfate	15.4	32.8	mg/L	NORTH WELL	-	11 / 11	0.50 - 0.50	3.28E+01	2.50E+02	4	NO	No	Does not exceed criteria.
Thallium, total	0.00005	0.0005	mg/L	GT-7	U	4 / 11	0.00 - 0.00	5.00E-04	2.40E+00	1	NO	No	Not detected.
Vanadium, total	0.005	0.005	mg/L	NORTH WELL	U	0 / 11	0.01 - 0.01	5.00E-03	3.60E+01	1	NO	No	Not detected.
Zinc, total	0.01	0.04	mg/L	GT-7	B	3 / 11	0.01 - 0.01	4.00E-02	3.13E+00	2	NO	No	Does not exceed criteria.

Notes:
1-USEPA Region 9 PRG
2-IDEQ Initial Default Target Values (IDTL)-groundwater (drinking water)
3-human health nutrient
4-MCL secondary standard

TABLE 3-3
CHEMICALS OF POTENTIAL CONCERN SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Analyte	Min	Max	Units	Location Max	Max Qualifier	Detection Frequency	Range of MDL	Maximum Result (mg/kg)
Ore								
Arsenic	20.6	21.8	mg/Kg	GTORE-3	-	3 / 3	0.3 - 0.3	2.18E+01
Cadmium	69	100	mg/Kg	GTORE-3	-	3 / 3	5 - 5	1.00E+02
Uranium	66.7	81.8	mg/Kg	GTORE-3	-	3 / 3	0.03 - 0.03	8.18E+01
Vanadium	839	1240	mg/Kg	GTORE-3	-	3 / 3	5 - 5	1.24E+03
Subsurface Soil								
Arsenic	2.5	10.9	mg/Kg	GTB-16 1-3	-	33 / 33	0.3 - 0.3	1.09E+01
Cadmium	1	44	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	0.5 - 5	4.40E+01
Manganese	179	3310	mg/Kg	GTB-5 10-12	-	33 / 33	0.5 - 5	3.31E+03
Mercury	0	29.2	mg/Kg	GTB-10 3.0-5.0	-	22 / 33	0.04 - 0.5	2.92E+01
Thallium	0.19	7.3	mg/Kg	GTB-1 1-3	-	33 / 33	0.03 - 0.05	7.30E+00
Vanadium	37.2	554	mg/Kg	GTB-12 2.0-4.0	-	33 / 33	0.5 - 5	5.54E+02
Aroclor 1260	30	620	ug/Kg	GTB-8 1-3	-	2 / 10	30 - 30	6.20E-01
m,p-Xylene	0.4	1350	ug/Kg	GTSO-8	-	5 / 14	0.4 - 10	1.35E+00
o-Xylene	0.2	344	ug/Kg	GTSO-8	-	2 / 14	0.2 - 4	3.44E-01
Sediment								
Arsenic	4.71	18.2	mg/Kg	GTSED-4	-	4 / 4	0.25 - 0.25	1.82E+01
Cadmium	5.2	44.3	mg/Kg	GTSED-4	-	4 / 4	0.5 - 0.5	4.43E+01
Vanadium	114	608	mg/Kg	GTSED-4	-	4 / 4	0.5 - 0.5	6.08E+02
Shallow Groundwater								
Arsenic	0.0005	0.126	mg/L	GT-5	-	55 / 57	0.0005 - 0.003	1.26E-01
Lead	0.0001	0.0937	mg/L	GT-6	-	56 / 57	0.0001 - 0.0005	9.37E-02

TABLE 3-4a
ORE EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Maximum Detected Concentration (mg/kg)	Max Qual	Mean (mg/kg)	95% UCL	Medium EPC Value (mg/kg)	Medium EPC Statistic	Medium EPC Rationale
Arsenic	2.18E+01		2.11E+01	NA	2.18E+01	Maximum	Not enough samples to calculate 95%UCL.
Cadmium	1.00E+02		8.73E+01	NA	1.00E+02	Maximum	Not enough samples to calculate 95%UCL.
Uranium	8.18E+01		7.44E+01	NA	8.18E+01	Maximum	Not enough samples to calculate 95%UCL.
Vanadium	1.24E+03		1.06E+03	NA	1.24E+03	Maximum	Not enough samples to calculate 95%UCL.

Notes:

Mean and 95% UCL were calculated using ProUCL software provided by USEPA. For complete statistical analyses see Appendix B.

mg/kg: milligram per kilogram

COPC: Contaminant of Potential Concern

UCL: Upper Confidence Limit

EPC: Exposure Point Concentration

TABLE 3-4b
SUBSURFACE SOIL EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Maximum Detected Concentration (mg/kg)	Max Qual	Mean (mg/kg)	95% UCL	Medium EPC Value (mg/kg)	Medium EPC Statistic	Medium EPC Rationale
Arsenic	1.09E+01		6.46E+00	7.11E+00	7.11E+00	Student's-t UCL	Data are normally distributed.
Cadmium	4.40E+01		1.12E+01	1.91E+01	1.91E+01	H-UCL	Data are lognormally distirbuted
Manganese	3.31E+03		8.99E+02	1.11E+03	1.11E+03	Approximate Gamma UCL	Data follow gamma distribution (0.05)
Mercury[1]	2.92E+01		1.20E-01	2.30E-01	2.30E-01	95% Chebyshev UCL	Data are Non-parametric (0.05)
Thallium	7.30E+00		8.61E-01	1.84E+00	1.84E+00	95% Chebyshev UCL	Data are Non-parametric (0.05)
Vanadium	5.54E+02		1.86E+02	3.11E+02	3.11E+02	95% Chebyshev UCL	Data are Non-parametric (0.05)
Xylenes	1.69E+00		1.23E-01	6.07E-01	6.07E-01	95% Chebyshev UCL	Data are Non-parametric (0.05)
Aroclor 1260	6.20E-01		8.30E-02	6.81E-01	6.20E-01	Maximum	Maximum greater than 95%UCL

Notes:

Mean and 95% UCL were calculated using ProUCL software provided by USEPA. For complete statistical analyses see Appendix B.

mg/kg: milligram per kilogram

COPC: Contaminant of Potential Concern

UCL: Upper Confidence Limit

EPC: Exposure Point Concentration

1: The maximum detected mercury concentration is an outlier from the remainder of the mercury data set and was removed from the EPC calculation.

TABLE 3-4c
SEDIMENT EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Maximum Detected Concentration (mg/kg)	Max Qual	Mean (mg/kg)	95% UCL	Medium EPC Value (mg/kg)	Medium EPC Statistic	Medium EPC Rationale
Arsenic	1.82E+01		9.02E+00	1.63E+01	1.63E+01	Student's-t UCL	Data are normally distributed.
Cadmium	4.43E+01		1.83E+01	3.91E+01	3.91E+01	Student's-t UCL	Data are normally distributed.
Vanadium	6.08E+02		2.66E+02	5.37E+02	5.37E+02	Student's-t UCL	Data are normally distributed.

Notes:

Mean and 95% UCL were calculated using ProUCL software provided by USEPA. For complete statistical analyses see Appendix B.

mg/kg: milligram per kilogram

COPC: Contaminant of Potential Concern

UCL: Upper Confidence Limit

EPC: Exposure Point Concentration

SHALLOW GROUNDWATER EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Maximum Detected Concentration (mg/L)	Max Qual	Mean (mg/L)	95% UCL	Medium EPC Value (mg/L)	Medium EPC Statistic	Medium EPC Rationale
Arsenic	1.26E-01		3.46E-03	4.78E-03	4.78E-03	Student's-t UCL	Data are normal (0.05)
Lead	9.37E-02		9.47E-03	1.30E-02	1.30E-02	Student's-t UCL	Data are normal (0.05)

Notes:

Mean and 95% UCL were calculated using ProUCL software provided by USEPA. For complete statistical analyses see Appendix B.

mg/L: milligram per liter

COPC: Contaminant of Potential Concern

UCL: Upper Confidence Limit

EPC: Exposure Point Concentration

TABLE
SOIL GAS EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Soil EPC Value[1] (mg/kg)	H (unitless)	K_{oc}	C_{gas} (g/cm^3)
Mercury	2.30E-01	4.40E-01	5.20E+01	2.05E-07
Xylenes	1.33E+00	3.01E-01	4.07E+02	1.54E-07

Notes:

mg/kg: milligram per kilogram

COPC: Contaminant of Potential Concern

1: From Table 3-2b

2. The associated soil gas concentration from the soil matrix data is determined using the following partitioning calculation (Feenstra et al., 1991) and associated default parameters.

$$C_{gas} = \frac{H \times C_{soil} \times \rho_s}{(\theta_w + (k_{oc} \times f_{oc} \times \rho_s) + H\theta_a)}$$

Input Parameter		Units	Default Value	Basis for Default Value
C_{gas}	Soil gas concentration	g/cm^3	calculated	-
C_{soil}	Soil matrix concentration	g/g	site-specific	-
θ_w	Soil volumetric water content	cm^3/cm^3	0.15	Default for unclassified soil
θ_a	Soil volumetric air content	cm^3/cm^3	0.28	
ρ_s	Soil bulk density	g/cm^3	1.5	
f_{oc}	Soil fraction organic content	g/g	0.006	USEPA 2004
H	Henry's Law constant	unitless	chemical-specific	-
k_{oc}	Carbon-water sorption coefficient	cm^3/g	chemical-specific	-

g = grams

cm^3 = cubic centimeter

Feenstra, S., D. M. Mackay, and J. A. Cherry. 1991. A Method for Assessing Residual NAPL Based on Organic Chemical Concentrations in Soil Samples. Ground Water Monitoring and Remediation, v. 11, n. 2, p. 128-136.

USEPA 2004: *Region 9 Preliminary Remediation Goals (PRGs)*. October.

TABLE 3-4e
TRENCH AIR EXPOSURE POINT CONCENTRATION SUMMARY
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Soil EPC Value[1] (mg/kg)	Trench Air EPC[2] (mg/m^3)
Mercury	2.30E-01	3.60E-03
Xylenes	6.07E-01	9.51E-03

Notes:

COPC: Contaminant of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/m^3: milligrams per cubic meter

1: From Table 3-2b

2: Equations derived from ASTM 2004: *Standard Guide for Risk-Based Corrective Action*. E-2081-00.

$C_{air,\ trench}=C_{soil} \times VF_{s,\ amb} \times 10^3\ cm^3/m^3\ kg/g$

$$DF_{amb}=\frac{U_{air} \times W \times \delta_{air}}{A}$$

Input Parameter		Units	Value	Basis for value
DF_{amb}	dispersion factor for ambient air	cm/sec	Calculated	
A	source-zone area	cm^2	557418	6-ft wide x100-ft long trench
U_{air}	ambient air velocity in mixing zone	cm/sec	225	default
W	width of source-zone area	cm	183	6-ft wide trench
δ_{air}	mixing zone height	cm	183	6-ft deep trench

DF_{amb}= 13.51772817

$$VF_{s,\ amb}=\frac{d_s \times \rho_s}{DF_{amb} \times \tau \times 31536000\ sec/yr}$$

Input Parameter		Units	Value	Basis for value
$VF_{s,amb}$	Volatilization factor, subsurface soil to ambient air	g/cm^3	calculated	
DF_{amb}	dispersion factor for ambient air	cm/sec	calculated	
d_s	Depth of affected subsurface soil layer	cm	366	12-feet deep
ρ_s	Dry soil bulk density	g/cm^3	1.5	Default for unclassified soil
τ	Averaging time for surface	years	0.08219178	30 days

$VF_{s,amb}$= 1.56687E-05

TABLE 3-5a
CHEMICAL-SPECIFIC INPUT PARAMETERS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries,

COPC	GI Absorption Factor	Source	Dermal Permeability Constant (K_p) water	Source	Dermal Absorption Factor (DAF)	Source
	unitless		cm/hr		unitless	
Arsenic	1	1	0.001	2	0.032	1
Cadmium	1	1	0.001	2	0.001	1
Manganese	1	1	0.001	2	0.01	1
Mercury	1	1	0.24	2	0.01	1
Thallium	1	1	0.001	2	0.01	1
Uranium	1	1	0.001	2	0.01	1
Vanadium	1	1	0.001	2	0.01	1
Xylenes	1	1	0.0704	11	0.03	1
Aroclor 1260	1	1	5.48	11	0.14	1

Notes:

1: IDEQ. 2004. *Risk Evaluation Manual.* Appendix D: Default Toxicity Values

2: EPA 2004. Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005. Exhibit 3-1, page 3-5. Available online at http://www.epa.gov/oswer/riskasses

3: United States Environmental Protection Agency. 1995. Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment (Interim Guidance). Waste Management Division, Office of Health Assessment.

4:Values were taken from http://www.epa.gov/oppt/exposure/docs/episuitedl.htm. The Dermal Permeability Coefficient Program (DERMWIN) estimates the dermal permeability coefficient (Kp) and the dermally absorbed dose per event (DAevent) of organic compound

TABLE 3-5b
CHEMICAL-SPECIFIC INPUT PARAMETERS for Volatile COPCs
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Molecular Weight	Henry's Law Constant		Diffusity in Air	Diffusity in Water	Organic Carbon Partition Coefficient	Soil-Water Partition Coefficient	Pure Component Water Solubility	Volatilization Factor
	MW	H	H'	D_i	D_w	K_{oc}	K_d	S	VF
	g/mol	atm-m^3/mol	unitless	cm^2/s	cm^2/s	cm^3/g	cm^3/g	mg/L	m^3/kg
Mercury	201	1.07E-02	4.40E-01	3.07E-02	6.30E-06	5.20E+01		2.00E+01	
Xylenes[1]	106	7.34E-03	3.01E-01	7.00E-02	7.80E-06	4.07E+02	2.44E+00	1.61E+02	6.10E+03

Notes:

1 The values for xylenes are based on the values for m-xylene, consistent with use by USEPA Region 9 PRGs (USEPA 2004b).

TABLE 3-6
CANCER TOXICITY DATA
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Oral Cancer Slope Factor	Source	Inhalation Cancer Slope Factor	Source	Dermal Cancer Slope Factor	Source	Unit	Weight of Evidence/ Cancer Guideline Description	Date
Arsenic	1.50E+00	IRIS	1.51E+01	1	3.66E+00	2	1/(mg/kg-day)	A	6/12/2006
Cadmium	no value	IRIS	6.30E+00	IRIS			1/(mg/kg-day)	B1	6/12/2006
Lead	no value	IRIS					1/(mg/kg-day)	B2	6/12/2006
Manganese	no value	IRIS					1/(mg/kg-day)	D	6/12/2006
Mercury	no value	IRIS					1/(mg/kg-day)	D	6/12/2006
Thallium	no value	IRIS					1/(mg/kg-day)	D	6/12/2006
Uranium	no value	IRIS					1/(mg/kg-day)	no data	6/12/2006
Vanadium	no value	IRIS					1/(mg/kg-day)	no data	6/12/2006
Xylenes	no value	IRIS					1/(mg/kg-day)	no data	6/12/2006
Aroclor 1260	2.00E+00	IRIS	2.00E+00	1	2.22E+00	2	1/(mg/kg-day)	B2	6/12/2006

Notes:

COPC=Chemical of Potential Concern

IRIS=Integrated Risk Information System

mg/kg-day: milligram per kilogram per day

EPA Group:

A: Human carcinogen

B1: Probable human carcinogen - indicates that limited human data are available

B2: Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans

C: Possible human carcinogen

D: Not classifiable as a human carcinogen

E: Evidence of noncarcinogenicity

1 calculated from inhalation unit risk using the equation SF_i = UR x 70 kg/ 20 m^3/day

2 The dermal cancer slope factor was calculated using the the equation $SF_d = SF_o$/GIABS

TABLE 3-7
NONCANCER TOXICITY DATA
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

COPC	Chronic/ Subchronic	Oral RfD Value		Inhalation RfD		Dermal RfD Value		RfD Units	Primary Target Organ	Combined Uncertainty/ Modifying Factors	Sources of RfD: Target Organ	Dates of RfD
Arsenic	Chronic	3.00E-04	1	no value		1.23E-04	2	mg/kg-day	skin/vascular	3/1	IRIS	6/12/2006
Cadmium	Chronic	1.00E-03	1a	no value		1.00E-05	2	mg/kg-day	kidney	10/1	IRIS	6/12/2006
Manganese	Chronic	1.40E-01	1	1.43E-05	3	5.60E-03	2	mg/kg-day	nervous system	1/1	IRIS	6/12/2006
Mercury	Chronic	no value		8.57E-05	3	no value		mg/kg-day	nervous system	30/1	IRIS	6/12/2006
Thallium	Chronic	6.60E-05	1b	no value		9.90E-06	2	mg/kg-day	skin/eye	3000/1	IRIS	6/12/2006
Uranium	Chronic	3.00E-03	4	no value		2.55E-03	2	mg/kg-day	kidney	1000/1	NCEA	6/12/2006
Vanadium	Chronic	1.00E-03	4	no value		1.00E-05	2	mg/kg-day	digestive system and blood	100/1	NCEA	6/12/2006
Xylenes	Chronic	2.00E-01	1	2.90E-02	3	no value		mg/kg-day	body weight	1000/1	IRIS	6/12/2006
Aroclor 1260		no value		no value		no value		mg/kg-day			IRIS	6/12/2006

Notes:

COPC=Chemical of Potential Concern

IRIS=Integrated Risk Information System

NCEA=National Center for Environmental Assessment

mg/kg-day: milligram per kilogram per day

1 Oral RfD from IRIS

1a used the RfD_o for cadmium in food.

1b IRIS has many values for the different salts of thallium. Used the USEPA Region 9 adjusted oral RfD based on the molecular weight of thallium in thallium sulfate.
See USEPA 2004b: User's Guide and Background Technical Document for USEPA Region 9's Preliminary Remeditation Goals (PRG) Table; October.

2 calculated from the oral RfD using the equation $RfDd = RfD_o \times GIABS$

3 calculated from inhalation RfC using the equation $RfD_i = RfC \times 20\ m^3/day/70\ kg$

4 NCEA values, as reported by USEPA Region 9 PRGs (USEPA 2004)

5 calculated from NCEA provisional inhalation RfC

TABLE 3-8
RECREATIONAL USER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Receptor Population: Recreational User
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Sediment	Incidental Ingestion	C	Chemical concentration in sediment	mg/kg	EPC	See Table 3-4c	ADD (mg/kg-day) = (C x IR x GIABS x EF x ED x CF_{km})/BW x AT
		IR_a	Ingestion Rate-adult	mg/day	100	USEPA 1997	
		IR_c	Ingestion Rate-child	mg/day	200	USEPA 1997	
		GIABS	Gastrointestinal Absorption Factor	unitless	chemical specific	See Table 5a	
		EF	Exposure Frequency	days/year	14	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Sediment	Dermal Contact	C	Chemical concentration in sediment	mg/kg	EPC	See Table 3-4c	ADD (mg/kg-day) = (C x AF x DAF x SA x ET x EF x ED x CF_{km} x CF_{hd})/BW x AT
		AF_a	Adherance Factor-adult	mg/cm^2	0.5	USEPA 2004a	
		AF_c	Adherance Factor-child	mg/cm^2	3.3	USEPA 2004a	
		DAF	Chemical-specific Dermal Absorption Factor	unitless	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2/day	5657	IDEQ 2004	
		SA_c	Exposed skin surface area-child	cm^2/day	2434	IDEQ 2004	
		ET	Exposure Time	hours/day	4	Professional Judgement	
		EF	Exposure Frequency	days/year	14	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{hd}	Conversion Factor	day/hour	0.041666667	NA	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Ore	Incidental Ingestion	C	Chemical concentration in ore	mg/kg	EPC	See Table 3-4a	ADD (mg/kg-day) = (C x IR x GIABS x FI x EF x ED x CF)/BW x AT
		IR_a	Ingestion Rate-adult	mg/day	100	USEPA 1997	
		IR_c	Ingestion Rate-child	mg/day	200	USEPA 1997	
		FI	Fraction Ingested	unitless	1	Default	
		GIABS	Gastrointestinal Absorption Factor	unitless	chemical specific	See Table 5a	
		$EF_{ss,ore}$	Exposure Frequency-surface soil	days/year	14	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

TABLE 3-8
RECREATIONAL USER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Receptor Population: Recreational User
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Ore	Dermal Contact	C	Chemical concentration in surface soil	mg/kg	EPC	See Table 3-4a	ADD (mg/kg-day) = (C x AF x DAF x SA x ET x EF x ED x CF_{km} x CF_{hd})/BW x AT
		AF_a	Adherance Factor-adult	mg/cm^2	0.3	IDEQ 2004	
		AF_c	Adherance Factor-child	mg/cm^2	1	IDEQ 2004	
		DAF	Dermal Absorption Factor	unitless	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2/day	5657	IDEQ 2004	
		SA_c	Exposed skin surface area-child	cm^2/day	2434	IDEQ 2004	
		ET	Exposure Time	hours/day	4	Professional Judgement	
		EF	Exposure Frequency	days/year	14	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		CF_{hd}	Conversion Factor	day/hour	0.041666667	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Ore	Inhalation of Particulates	C	Chemical concentration in ore	mg/kg	EPC	See Table 3-4a	Average Daily Dose (ADD) (mg/kg-day) = (C x 1/PEF x IR x ET x EF x ED x RAF)/(BW X AT)
		PEF	Particulate Emission Factor	m^3/kg	1.32E+09	USEPA 2004b	
		IR_a	Inhalation Rate-adult	m^3/hr	1.3	USEPA 1997	
		IR_c	Inhalation Rate-child	m^3/hr	1.1	USEPA 1997	
		ET	Exposure Time	hr/day	4	Professional Judgement	
		EF	Exposure Frequency	days/year	14	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		RAF	Relative Absorption Factor	unitless	1	Default	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

Notes:
NA: Not Applicable
IDEQ 2004: *Risk Evaluation Manual*. July
USEPA 1997: *Exposure Factors Handbook* ; USEPA/600/P-95/002Fa. August
USEPA 2004a: *Risk Assessment Guidance Superfund, Volume I, Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment)* ; Final; USEPA/540/R/99/005. July
USEPA 2004b: *User's Guide and Background Technical Document for USUSEPA Region 9's Preliminary Remediation Goals (PRG) Table* ; October.

TABLE 3-9
HYPOTHETICAL RESIDENT DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Sediment	Incidental Ingestion	C	Chemical concentration in sediment	mg/kg	EPC	See Table 3-4c	ADD (mg/kg-day) = (C x IR x EF x ED x CFkm)/BW x AT
		IR_a	Ingestion Rate-adult	mg/day	100	USEPA 1997	
		IR_c	Ingestion Rate-child	mg/day	200	USEPA 1997	
		GIABS	Gastrointestinal Absorption Factor	unitless	chemical specific	See Table 5a	
		EF	Exposure Frequency	days/year	26	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Sediment	Dermal Contact	C	Chemical concentration in sediment	mg/kg	EPC	See Table 3-4c	ADD (mg/kg-day) = (C x AF x DAF x SA x ET x EF x ED x CF_{km} x CF_{hd})/BW x AT
		AF_a	Adherance Factor-adult	mg/cm^2	0.5	USEPA 2004	
		AF_c	Adherance Factor-child	mg/cm^2	3.3	USEPA 2004	
		DAF	Dermal Absorption Factor	unitless	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2/day	5657	IDEQ 2004	
		SA_c	Exposed skin surface area-child	cm^2/day	2434	IDEQ 2004	
		ET	Exposure Time	hours/day	2	IDEQ 2004	
		EF	Exposure Frequency	days/year	26	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		CF_{hd}	Conversion Factor	day/hour	0.041666667	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

TABLE 3-9
HYPOTHETICAL RESIDENT DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Ore and Subsurface Soil	Incidental Ingestion	$C_{ss, ore}$	Chemical concentration in surface soil, ore	mg/kg	EPC	See Table 3-4a	ADD (mg/kg-day) = (C x IR x GIABS x FI x EF x ED x CF)/BW x AT
		C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	
		IR_a	Ingestion Rate-adult	mg/day	100	USEPA 1997	
		IR_c	Ingestion Rate-child	mg/day	200	USEPA 1997	
		FI	Fraction Ingested	unitless	1	Default	
		GIABS	Gastrointestinal Absorption Factor	unitless	1	IDEQ 2004	
		$EF_{ss, ore}$	Exposure Frequency-surface soil, ore	days/year	26	Professional Judgement	
		EF_{sb}	Exposure Frequency-subsurface soil	days/year	100	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Ore and Subsurface Soil	Dermal Contact	$C_{ss, ore}$	Chemical concentration in surface soil, ore	mg/kg	EPC	See Table 3-4a	ADD (mg/kg-day) = (C x AF x DAF x SA x ET x EF x ED x CF_{km} x CF_{hd})/BW x AT
		C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	
		AF_a	Adherance Factor-adult	mg/cm^2	0.3	IDEQ 2004	
		AF_c	Adherance Factor-child	mg/cm^2	1	IDEQ 2004	
		DAF	Dermal Absorption Factor	unitless	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2/day	5657	IDEQ 2004	
		SA_c	Exposed skin surface area-child	cm^2/day	2434	IDEQ 2004	
		ET	Exposure Time	hours/day	2	IDEQ 2004	
		$EF_{ss, ore}$	Exposure Frequency	days/year	26	Professional Judgement	
		EF_{sb}	Exposure Frequency-subsurface	days/year	100	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		CF_{hd}	Conversion Factor	day/hour	0.041666667	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

TABLE 3-9
HYPOTHETICAL RESIDENT DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Ore and Subsurface Soil	Inhalation of Particulates	$C_{ss, ore}$	Chemical concentration in surface soil, ore	mg/kg	EPC	See Table 3-4a	Average Daily Dose (ADD) (mg/kg-day) = (C x 1/PEF x IR x ET x EF x ED x RAF)/(BW X AT)
		C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	
		PEF	Particulate Emission Factor	m^3/kg	1.32E+09	USEPA 2004b	
		IR_a	Inhalation Rate-adult	m^3/hr	1.3	USEPA 1997	
		IR_c	Inhalation Rate-child	m^3/hr	1.1	USEPA 1997	
		ET	Exposure Time	hr/day	2	IDEQ 2004	
		$EF_{ss, ore}$	Exposure Frequency	days/year	26	Professional Judgement	
		EF_{sb}	Exposure Frequency-subsurface	days/year	100	Professional Judgement	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		RAF	Relative Absorption Factor	unitless	1	Default	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

TABLE 3-9
HYPOTHETICAL RESIDENT DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Groundwater	Ingestion	C	Chemical concentration in groundwater	mg/L	EPC	See Table 3-4d	ADD (mg/kg-day) = (C x IR x EF x ED)/(BW x AT)
		IR_a	Ingestion Rate-adult	L/day	2	USEPA 1997	
		IR_c	Ingestion Rate-child	L/day	1.5	USEPA 1997	
		EF	Exposure Frequency	days/year	350	USEPA 1997	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Groundwater	Dermal Contact	C	Chemical concentration in groundwater	mg/L	EPC	See Table 3-4d	ADD (mg/kg-day) = (C x K_p x SA x ET x EF x ED x CF)/(BW x AT)
		K_p	Dermal Permability Constant	cm/hr	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2	18000	USEPA 2004a	
		SA_c	Exposed skin surface area-child	cm^2	6600	USEPA 2004a	
		ET_a	Exposure Time-adult	hours/day	0.58	USEPA 2004a	
		ET_c	Exposure Time-child	hours/day	1	USEPA 2004a	
		EF	Exposure Frequency	days/year	350	USEPA 1997	
		ED_a	Exposure Duration-adult	years	24	USEPA 1997	
		ED_c	Exposure Duration-child	years	6	USEPA 1997	
		CF	Conversion Factor	L/cm^3	0.001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		BW_c	Body Weight-child	kg	15	USEPA 1997	
		AT_a	Averaging Time-adult	days	8760	Based on Exposure Duration	
		AT_c	Averaging Time-child	days	2190	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

Notes:
NA: Not Applicable
IDEQ 2004: *Risk Evaluation Manual*. July
USEPA 1989: *Risk Assessment Guidance Superfund, Volume I, Human Health Evaluation Manual (Part A)*; Interim Final; USEPA/540/1-89/002
USEPA 1995: OSWER Directive
USEPA 1997: *Exposure Factors Handbook*; USEPA/600/P-95/002Fa. August
USEPA 2004a: *Risk Assessment Guidance Superfund, Volume I, Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment)*; Final; USEPA/540/R/99/005, July

TABLE 3-10
CONSTRUCTION WORKER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference
Ambient Air (Trench)	Inhalation	$C_{air, trench}$	Chemical concentration in trench air	mg/m^3	EPC	See Table 3-4e
		IR_a	Inhalation Rate-adult	m^3/hr	2.4	IDEQ 2004
		EF	Exposure Frequency	days/year	30	IDEQ 2004
		ED_a	Exposure Duration-adult	years	1	EPA 1997
		ET	Exposure Time	hr/day	10	IDEQ 2004
		BW_a	Body Weight-adult	kg	70	EPA 1997
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997
Subsurface Soil	Incidental Ingestion	C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b
		IR_a	Ingestion Rate-adult	mg/day	480	IDEQ 2004
		FI	Fraction Ingested	unitless	1	Default
		EF	Exposure Frequency	days/year	30	IDEQ 2004
		ED_a	Exposure Duration-adult	years	1	EPA 1997
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA
		BW_a	Body Weight-adult	kg	70	EPA 1997
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997

TABLE 3-10
CONSTRUCTION WORKER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Ambient Air (Trench)	Inhalation	$C_{air, trench}$	Chemical concentration in trench air	mg/m^3	EPC	See Table 3-4e	ADD (mg/kg-day) = (C x IR_a x EF x ED x ET)/BW x AT
		IR_a	Inhalation Rate-adult	m^3/hr	2.4	IDEQ 2004	
		EF	Exposure Frequency	days/year	30	IDEQ 2004	
		ED_a	Exposure Duration-adult	years	1	EPA 1997	
		ET	Exposure Time	hr/day	10	IDEQ 2004	
		BW_a	Body Weight-adult	kg	70	EPA 1997	
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997	
Subsurface Soil	Incidental Ingestion	C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	ADD (mg/kg-day) = (C x IR x FI x EF x ED x CF)/BW x AT
		IR_a	Ingestion Rate-adult	mg/day	480	IDEQ 2004	
		FI	Fraction Ingested	unitless	1	Default	
		EF	Exposure Frequency	days/year	30	IDEQ 2004	
		ED_a	Exposure Duration-adult	years	1	EPA 1997	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	EPA 1997	
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997	
Subsurface Soil	Dermal Contact	C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	ADD (mg/kg-day) = (C x AF x DAF x SA x EF x ED x CF_{km})/BW x AT
		AF_a	Adherance Factor	mg/cm^2	0.5	IDEQ 2004	
		DAF	Chemical-specific Dermal Absorption Factor	unitless	chemical specific	See Table 3-5a	
		SA_a	Exposed skin surface area-adult	cm^2/day	3477	IDEQ 2004	
		EF	Exposure Frequency	days/year	30	IDEQ 2004	
		ED_a	Exposure Duration-adult	years	6.6	IDEQ 2004	
		CF_{km}	Conversion Factor	kg/mg	0.000001	NA	
		BW_a	Body Weight-adult	kg	70	EPA 1997	
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997	
Subsurface Soil	Inhalation of Particulates	C_{sb}	Chemical concentration in subsurface soil	mg/kg	EPC	See Table 3-4b	Average Daily Dose (ADD) (mg/kg-day) = (C x 1/PEF x IR x ET x EF x ED x RAF)/(BW X AT)
		PEF	Particulate Emission Factor	m^3/kg	1.32E+09	EPA 2004b	
		IR_a	Inhalation Rate-adult	m^3/hr	2.4	IDEQ 2004	
		ET	Exposure Time	hr/day	10	EPA 1997	
		EF	Exposure Frequency	days/year	30	EPA 1997	
		ED_a	Exposure Duration-adult	years	1	EPA 1997	
		RAF	Relative Absorption Factor	unitless	1	Default	

TABLE 3-10
CONSTRUCTION WORKER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
		BW_a	Body Weight-adult	kg	70	EPA 1997	
		AT_a	Averaging Time-adult	days	365	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	EPA 1997	

Notes:
NA: Not Applicable
IDEQ 2004: *Risk Evaluation Manual*. July
EPA 1997: *Exposure Factors Handbook*; EPA/600/P-95/002Fa, August
EPA 2004b: *User's Guide and Background Technical Document for USEPA Region 9's Preliminary Remeditation Goals (PRG) Table*; October.

TABLE 3-11
NONRESIDENTIAL WORKER DAILY INTAKE PARAMETERS AND EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Nonresidental Worker
Receptor Age: Adult

Exposure Medium	Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	Intake Equation
Groundwater	Ingestion	C	Chemical concentration in groundwater	mg/L	EPC	See Table 3-4d	ADD (mg/kg-day) = (C x IR x FI x EF x ED)/BW x AT
		IR_a	Ingestion Rate-adult	L/day	1	IDEQ 2004	
		EF	Exposure Frequency	days/year	250	USEPA 1997	
		ED_a	Exposure Duration-adult	years	6.6	IDEQ 2004	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		AT_a	Averaging Time-adult	days	2409	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	
Groundwater	Dermal Contact	C	Chemical concentration in groundwater	mg/L	EPC	See Table 3-4d	ADD (mg/kg-day) = (C x K_p x SA x ET x EF x ED x CF)/(BW x AT)
		K_p	Dermal Permability Constant	cm/hr	chemical specific	See Table 5a	
		SA_a	Exposed skin surface area-adult	cm^2	2480	USEPA 2004a	
		ET_a	Exposure Time-adult	hours/day	0.58	USEPA 2004a	
		EF	Exposure Frequency	days/year	250	USEPA 1997	
		ED_a	Exposure Duration-adult	years	6.6	IDEQ 2004	
		CF	Conversion Factor	L/cm^3	0.001	NA	
		BW_a	Body Weight-adult	kg	70	USEPA 1997	
		AT_a	Averaging Time-adult	days	2409	Based on Exposure Duration	
		AT_{carc}	Averaging Time-carcinogenic	days	25550	USEPA 1997	

Notes:

NA: Not Applicable

IDEQ 2004: *Risk Evaluation Manual*. July

USEPA 1991: *Risk Assessment Guidance Superfund, Volume I, Human Health Evaluation Manual Supplemental Guidance, Standard Default Exposure Factors, Interim Final*; Oswer Directive 9285.6-03. March

USEPA 1997: *Exposure Factors Handbook*; USEPA/600/P-95/002Fa. August

USEPA 2004a: *Risk Assessment Guidance Superfund, Volume I, Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment)*; Final; USEPA/540/R/99/005, July

USEPA 2004b: *User's Guide and Background Technical Document for USEPA Region 9's Preliminary Remeditation Goals (PRG) Table*; October

TABLE 3-12
ADULT RECREATIONAL USER CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Exposure Point: Onsite
Receptor Population: Recreational User
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Sediment	Ingestion	Arsenic	1.63E+01	3.07E-07	1.50E+00	5.E-07
	Dermal	Arsenic	1.63E+01	4.63E-08	3.66E+00	2.E-07
Surface soil (ore)	Ingestion	Arsenic	2.18E+01	4.10E-07	1.50E+00	6.E-07
	Dermal	Arsenic	2.18E+01	3.71E-08	3.66E+00	1.E-07
	Inhalation	Arsenic	2.18E+01	1.62E-11	1.51E+01	2.E-10
		Cadmium	1.00E+02	7.42E-11	6.30E+00	5.E-10
						1.E-06

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-13
CHILD RECREATIONAL USER CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Exposure Point: Onsite
Receptor Population: Recreational User
Receptor Age: Child

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Sediment	Ingestion	Arsenic	1.63E+01	8.35E-06	1.50E+00	1.E-05
	Dermal	Arsenic	1.63E+01	1.53E-07	3.66E+00	6.E-07
Ore	Ingestion	Arsenic	2.18E+01	9.56E-07	1.50E+00	1.E-06
	Dermal	Arsenic	2.18E+01	6.20E-08	3.66E+00	2.E-07
	Inhalation	Arsenic	2.18E+01	1.60E-11	1.51E+01	2.E-10
		Cadmium	1.00E+02	7.33E-13	6.30E+00	5.E-12
						1.E-05

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-14
ADULT RESIDENT CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Exposure Point: Onsite
Receptor Population: Resident
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC	Units	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Sediment	Ingestion	Arsenic	1.63E+01	mg/kg	5.70E-07	1.50E+00	9.E-07
	Dermal	Arsenic	1.63E+01	mg/kg	4.30E-08	3.66E+00	2.E-07
Ore	Ingestion	Arsenic	2.18E+01	mg/kg	7.61E-07	1.50E+00	1.E-06
	Dermal	Arsenic	2.18E+01	mg/kg	3.44E-08	3.66E+00	1.E-07
	Inhalation	Arsenic	2.18E+01	mg/kg	1.50E-11	1.51E+01	2.E-10
		Cadmium	1.00E+02	mg/kg	6.89E-13	6.30E+00	4.E-12
Subsurface Soil	Ingestion	Arsenic	7.11E+00	mg/kg	9.55E-07	1.50E+00	1.E-06
		Aroclor 1260	6.20E-01	mg/kg	8.32E-08	2.00E+00	2.E-07
	Dermal	Arsenic	7.11E+00	mg/kg	4.32E-08	3.66E+00	2.E-07
		Aroclor 1260	6.20E-01	mg/kg	1.65E-08	2.22E+00	4.E-08
	Inhalation	Arsenic	7.11E+00	mg/kg	1.89E-11	1.51E+01	3.E-10
		Cadmium	1.91E+01	mg/kg	5.07E-11	6.30E+00	3.E-10
		Aroclor 1260	6.20E-01	mg/kg	1.64E-12	2.00E+00	3.E-12
Groundwater	Ingestion	Arsenic	4.78E-03	mg/L	4.49E-05	1.50E+00	7.E-05
	Dermal	Arsenic	4.78E-03	mg/L	2.34E-07	3.66E+00	9.E-07
							7.E-05

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/L: milligrams per liter

mg/kg-day: milligram per kilogram per day

TABLE 3-15
CHILD RESIDENT CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Exposure Point: Onsite
Receptor Population: Resident
Receptor Age: Child

Media	Exposure Route	COPC	Medium EPC	Units	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Sediment	Ingestion	Arsenic	1.63E+01	mg/kg	1.33E-06	1.50E+00	2.E-06
	Dermal	Arsenic	1.63E+01	mg/kg	1.42E-07	3.66E+00	5.E-07
Ore	Ingestion	Arsenic	2.18E+01	mg/kg	1.77E-06	1.50E+00	3.E-06
	Dermal	Arsenic	2.18E+01	mg/kg	1.23E-08	3.66E+00	5.E-08
	Inhalation	Arsenic	2.18E+01	mg/kg	1.48E-11	1.51E+01	2.E-10
		Cadmium	1.00E+02	mg/kg	6.80E-11	6.30E+00	4.E-10
Groundwater	Ingestion	Arsenic	4.78E-03	mg/L	3.93E-05	1.50E+00	6.E-05
	Dermal	Arsenic	4.78E-03	mg/L	1.73E-07	3.66E+00	6.E-07
							6.E-05

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-16
CONSTRUCTION WORKER CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Exposure Point: Onsite
Receptor Population: Construction Worker
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC	Units	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Subsurface Soil	Ingestion	Arsenic	7.11E+00	mg/kg	5.73E-08	1.50E+00	9.E-08
		Aroclor 1260	6.20E-01	mg/kg	4.99E-09	2.00E+00	1.E-08
	Dermal	Arsenic	7.11E+00	mg/kg	1.37E-06	3.66E+00	5.E-06
		Aroclor 1260	6.20E-01	mg/kg	1.19E-07	2.22E+00	3.E-07
	Inhalation	Arsenic	7.11E+00	mg/kg	2.18E-12	1.51E+01	3.E-11
		Cadmium	1.91E+01	mg/kg	5.85E-12	6.30E+00	4.E-11
		Aroclor 1260	6.20E-01	mg/kg	1.90E-13	2.00E+00	4.E-13
							5.E-06

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-17
NONRESIDENTIAL WORKER CARCINOGENIC RISK
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Exposure Point: Onsite
Receptor Population: Nonresident Worker
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC	Units	Carcinogenic Average Daily Dose (mg/kg-day)	Slope Factor (1/(mg/kg-day))	Risk
Groundwater	Ingestion	Arsenic	4.78E-03	mg/L	4.41E-06	1.50E+00	7.E-06
	Dermal	Arsenic	4.78E-03	mg/L	6.34E-06	1.75E-02	1.E-07
							7.E-06

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/L: milligrams per liter

mg/kg-day: milligram per kilogram per day

TABLE 3-18
ADULT RECREATIONAL USER NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Exposure Point: Onsite
Receptor Population: Recreational User
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Sediment	Ingestion	Arsenic	1.63E+01	8.95E-07	3.00E-04	0.00
		Cadmium	3.91E+01	2.14E-06	1.00E-03	0.00
		Vanadium	5.37E+02	2.94E-05	1.00E-03	0.03
	Dermal	Arsenic	1.63E+01	1.35E-07	1.23E-04	0.00
		Cadmium	3.91E+01	1.01E-08	1.00E-05	0.00
		Vanadium	5.37E+02	1.39E-06	1.00E-05	0.14
Ore	Ingestion	Arsenic	2.18E+01	1.19E-06	3.00E-04	0.00
		Cadmium	1.00E+02	5.48E-06	1.00E-03	0.01
		Uranium	8.18E+01	4.48E-06	3.00E-03	0.00
		Vanadium	1.24E+03	6.79E-05	1.00E-03	0.07
	Dermal	Arsenic	2.18E+01	1.08E-07	1.23E-04	0.00
		Cadmium	1.00E+02	1.55E-08	1.00E-05	0.00
		Uranium	8.18E+01	1.27E-07	2.55E-03	0.00
		Vanadium	1.24E+03	1.92E-06	1.00E-05	0.19
						0.45

Notes:
COPC: Chemical of Potential Concern
EPC: Exposure Point Concentration
mg/kg: milligram per kilogram
mg/kg-day: milligram per kilogram per day

TABLE 3-19
CHILD RECREATIONAL USER NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Exposure Point: Onsite
Receptor Population: Recreational User
Receptor Age: Child

Exposure Route	COPC	Medium EPC (mg/kg)	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Ingestion	Arsenic	1.63E+01	8.35E-06	3.00E-04	0.03
	Cadmium	3.91E+01	2.00E-05	1.00E-03	0.02
	Vanadium	5.37E+02	2.75E-04	1.00E-03	0.27
Dermal	Arsenic	1.63E+01	1.79E-06	1.23E-04	0.01
	Cadmium	3.91E+01	1.34E-07	1.00E-05	0.01
	Vanadium	5.37E+02	1.84E-05	1.00E-05	1.84
Ingestion	Arsenic	2.18E+01	1.11E-05	3.00E-04	0.04
	Cadmium	1.00E+02	5.11E-05	1.00E-03	0.05
	Uranium	8.18E+01	4.18E-05	3.00E-03	0.01
	Vanadium	1.24E+03	6.34E-04	1.00E-03	0.63
Dermal	Arsenic	2.18E+01	7.24E-07	1.23E-04	0.01
	Cadmium	1.00E+02	1.04E-07	1.00E-05	0.01
	Uranium	8.18E+01	8.49E-07	2.55E-03	0.00
	Vanadium	1.24E+03	1.29E-05	1.00E-05	1.29
					4.23

TABLE 3-20
ADULT RESIDENT NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Sediment	Ingestion	Arsenic	1.63E+01	1.66E-06	3.00E-04	0.01
		Cadmium	3.91E+01	3.97E-06	1.00E-03	0.00
		Vanadium	5.37E+02	5.46E-05	1.00E-03	0.05
	Dermal	Arsenic	1.63E+01	1.25E-07	1.23E-04	0.00
		Cadmium	3.91E+01	9.37E-09	1.00E-05	0.00
		Vanadium	5.37E+02	1.29E-06	1.00E-05	0.13
Ore	Ingestion	Arsenic	2.18E+01	1.04E-05	3.00E-04	0.03
		Cadmium	1.00E+02	4.75E-05	1.00E-03	0.05
		Uranium	8.18E+01	3.88E-05	3.00E-03	0.01
		Vanadium	1.24E+03	5.89E-04	1.00E-03	0.59
	Dermal	Arsenic	2.18E+01	1.00E-07	1.23E-04	0.00
		Cadmium	1.00E+02	1.44E-08	1.00E-05	0.00
		Uranium	8.18E+01	1.18E-07	2.55E-03	0.00
		Vanadium	1.24E+03	1.78E-06	1.00E-05	0.18

TABLE 3-20
ADULT RESIDENT NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Subsurface Soil	Ingestion	Arsenic	7.11E+00	9.55E-07	3.00E-04	0.00
		Cadmium	1.91E+01	2.57E-06	1.00E-03	0.00
		Manganese	1.11E+03	1.49E-04	1.40E-01	0.00
		Thallium	1.84E+00	2.47E-07	6.60E-05	0.00
		Vanadium	3.11E+02	4.18E-05	1.00E-03	0.04
		Xylenes	6.07E-01	8.14E-08	2.00E-01	0.00
	Dermal	Arsenic	7.11E+00	4.32E-08	1.23E-04	0.00
		Cadmium	1.91E+01	3.63E-09	1.00E-05	0.00
		Manganese	1.11E+03	2.10E-06	5.60E-03	0.00
		Thallium	1.84E+00	3.49E-09	9.90E-06	0.00
		Vanadium	3.11E+02	5.91E-07	1.00E-05	0.06
	Inhalation (particulates)	Arsenic	7.11E+00	5.50E-11	no value	0.00
		Cadmium	1.91E+01	1.48E-10	no value	0.00
		Manganese	1.11E+03	8.56E-09	1.43E-05	0.00
		Thallium	1.84E+00	1.42E-11	no value	0.00
		Vanadium	3.11E+02	2.41E-09	no value	0.00
Groundwater	Ingestion	Arsenic	4.78E-03	1.31E-04	3.00E-04	0.44
	Dermal	Arsenic	4.78E-03	6.88E-07	1.23E-04	0.01
						1.62

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-21
CHILD RESIDENT NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Exposure Point: Onsite
Receptor Population: Resident
Receptor Age: Child

Media	Exposure Route	COPC	Medium EPC (mg/kg)	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Sediment	Ingestion	Arsenic	1.63E+01	1.55E-05	1.00E-03	0.02
		Cadmium	3.91E+01	3.71E-05	1.40E-01	0.00
		Vanadium	5.37E+02	5.10E-04	1.00E-03	0.51
	Dermal	Arsenic	1.63E+01	1.66E-06	1.00E-05	0.17
		Cadmium	3.91E+01	1.24E-07	5.60E-03	0.00
		Vanadium	5.37E+02	1.71E-05	1.00E-05	1.71
Ore	Ingestion	Arsenic	2.18E+01	2.07E-05	1.00E-03	0.02
		Cadmium	1.00E+02	9.50E-05	1.40E-01	0.00
		Uranium	8.18E+01	7.77E-05	1.00E-03	0.08
		Vanadium	1.24E+03	1.18E-03	1.00E-03	1.18
	Dermal	Arsenic	2.18E+01	1.44E-07	1.00E-05	0.01
		Cadmium	1.00E+02	2.06E-08	5.60E-03	0.00
		Uranium	8.18E+01	1.69E-07	1.00E-05	0.02
		Vanadium	1.24E+03	2.56E-06	1.00E-05	0.26
Groundwater	Ingestion	Arsenic	4.78E-03	4.58E-04	1.00E-03	0.46
	Dermal	Arsenic	4.78E-03	2.02E-06	1.00E-05	0.20
						4.62

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-22
CONSTRUCTION WORKER NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC	Unit	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Ambient Air (Trench)	Inhalation (volatiles)	Mercury	3.60E-03	mg/m^3	1.45E-06	8.57E-05	0.02
		Xylenes	9.51E-03	mg/m^3	3.83E-06	2.90E-02	0.00
Subsurface Soil	Ingestion	Arsenic	7.11E+00	mg/kg	4.01E-06	3.00E-04	0.01
		Cadmium	1.91E+01	mg/kg	1.08E-05	1.00E-03	0.01
		Manganese	1.11E+03	mg/kg	6.24E-04	1.40E-01	0.00
		Thallium	1.84E+00	mg/kg	1.04E-06	6.60E-05	0.02
		Vanadium	3.11E+02	mg/kg	1.75E-04	1.00E-03	0.18
		Xylenes	6.07E-01	mg/kg	3.42E-07	2.00E-01	0.00
	Dermal	Arsenic	7.11E+00	mg/kg	3.07E-06	1.23E-04	0.02
		Cadmium	1.91E+01	mg/kg	2.58E-07	1.00E-05	0.03
		Manganese	1.11E+03	mg/kg	1.49E-04	5.60E-03	0.03
		Thallium	1.84E+00	mg/kg	2.48E-07	9.90E-06	0.03
		Vanadium	3.11E+02	mg/kg	4.19E-05	1.00E-05	4.19
	Inhalation (particulates)	Arsenic	7.11E+00	mg/kg	1.52E-10	no value	0.00
		Cadmium	6.07E-01	mg/kg	1.30E-11	no value	0.00
		Manganese	7.11E+00	mg/kg	1.52E-10	1.43E-05	0.00
		Thallium	1.91E+01	mg/kg	4.10E-10	no value	0.00
		Vanadium	1.11E+03	mg/kg	2.37E-08	no value	0.00
							4.53

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-23
NONRESIDENTIAL WORKER NONCANCER HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Nonresident Worker
Receptor Age: Adult

Media	Exposure Route	COPC	Medium EPC	Unit	Non-Cancer Average Daily Dose (mg/kg-day)	Reference Dose (mg/kg-day)	Hazard Quotient
Groundwater	Ingestion	Arsenic	4.78E-03	mg/kg	4.68E-05	3.00E-04	0.16
	Dermal	Arsenic	4.78E-03	mg/kg	6.73E-05	1.23E-04	0.55
							0.70

Notes:

COPC: Chemical of Potential Concern

EPC: Exposure Point Concentration

mg/kg: milligram per kilogram

mg/kg-day: milligram per kilogram per day

TABLE 3-24
ADULT RECREATIONAL USER SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Receptor Population: Recreational User
Receptor Age: Adult

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient		
		Ingestion	Dermal	Inhalation	Exposure Routes Total	Ingestion	Dermal	Exposure Routes Total
Sediment	Arsenic	5.E-07	2.E-07		6.E-07	2.98E-03	0.00	0.00
	Cadmium					2.14E-03	0.00	0.00
	Vanadium					2.94E-02	0.14	0.17
Ore	Arsenic	6.E-07	1.E-07	2.E-10	8.E-07	3.98E-03	0.00	0.00
	Cadmium			5.E-10	5.E-10	5.48E-03	0.00	0.01
	Uranium					1.49E-03	0.00	0.00
	Vanadium					6.79E-02	0.19	0.26
					1.E-06			0.45

Notes:
COPC: Chemical of Potential Concern

TABLE 3-25
CHILD RECREATIONAL USER SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Current/Future
Receptor Population: Recreational User
Receptor Age: Child

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient		
		Ingestion	Dermal	Inhalation	Exposure Routes Total	Ingestion	Dermal	Exposure Routes Total
Sediment	Arsenic	1.E-05	6.E-07		1.E-05	0.03	0.01	0.04
	Cadmium					0.02	0.01	0.03
	Vanadium					0.27	1.84	2.11
Ore	Arsenic	1.E-06	2.E-07	2.E-10	2.E-06	0.04	0.01	0.04
	Cadmium			5.E-12	5.E-12	0.05	0.01	0.06
	Uranium					0.01	0.00	0.01
	Vanadium					0.63	1.29	1.92
					1.E-05			4.23

Notes:
COPC: Chemical of Potential Concern

TABLE 3-26
ADULT RESIDENT SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient			
		Ingestion	Dermal	Inhalation	Exposure Routes Total	Ingestion	Dermal	Inahalation	Exposure Routes Total
Sediment	Arsenic	9.E-07	2.E-07		1.E-06	0.01	0.00		0.01
	Cadmium				0.E+00	0.00	0.00		0.00
	Vanadium				0.E+00	0.05	0.13		0.18
Ore	Arsenic	1.E-06	1.E-07	2.E-10	1.E-06	0.03	0.00		0.04
	Cadmium			4.E-12	4.E-12	0.05	0.00		0.05
	Uranium				0.E+00	0.01	0.00		0.01
	Vanadium				0.E+00	0.59	0.18		0.77
Subsurface Soil	Arsenic	1.E-06	2.E-07	3.E-10	2.E-06	0.00	0.00		0.00
	Cadmium			3.E-10	3.E-10	0.00	0.00		0.00
	Manganese				0.E+00	0.00	0.00		0.00
	Thallium				0.E+00	0.00	0.00		0.00
	Vanadium				0.E+00	0.04	0.06		0.10
	Xylenes				0.E+00	0.00	0.00		0.00
	Aroclor 1260	2.E-07	4.E-08	3.E-12	2.E-07				0.00
Groundwater	Arsenic	7.E-05	9.E-07		7.E-05	0.44	0.01		0.44
					7.E-05				1.61

Notes:
COPC: Chemical of Potential Concern

TABLE 3-27
CHILD RESIDENT SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient			
		Ingestion	Dermal	Inhalation	Exposure Routes Total	Ingestion	Dermal	Inahalation	Exposure Routes Total
Sediment	Arsenic	2.E-06	5.E-07		3.E-06	0.02	0.17		0.18
	Cadmium					0.00	0.00		0.00
	Vanadium					0.51	1.71		2.22
Ore	Arsenic	3.E-06	5.E-08	2.E-10	3.E-06	0.02	0.01		0.04
	Cadmium			4.E-10	4.E-10	0.00	0.00		0.00
	Uranium					0.08	0.02		0.09
	Vanadium					1.18	0.26		1.43
Groundwater	Arsenic	6.E-05	6.E-07		6.E-05				0.00
					6.E-05				3.96

Notes:
COPC: Chemical of Potential Concern

TABLE 3-28
CONSTRUCTION WORKER SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient			
		Ingestion	Dermal	Inhalation	Exposure Routes Total	Ingestion	Dermal	Inahalation	Exposure Routes Total
Trench Air	Mercury				0.E+00			0.02	0.02
	Xylenes				0.E+00			0.00	0.00
Subsurface Soil	Arsenic	9.E-08	5.E-06	3.E-11	5.E-06	0.01	0.02		0.04
	Cadmium			4.E-11	4.E-11	0.01	0.03		0.04
	Manganese				0.E+00	0.00	0.03		0.03
	Thallium				0.E+00	0.02	0.03		0.04
	Vanadium				0.E+00	0.18	4.19		4.37
	Xylenes				0.E+00	0.00			0.00
	Aroclor 1260	1.E-08	3.E-07	4.E-13	3.E-07				0.00
					5.E-06				4.51

Notes:
COPC: Chemical of Potential Concern

TABLE 3-29
NONRESIDENT WORKER SUMMARY OF RISKS AND HAZARDS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Scenario Timeframe: Future
Receptor Population: Nonresident Worker
Receptor Age: Child

Medium	COPC	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient			
		Ingestion	Dermal	Vapor Inhalation	Exposure Routes Total	Ingestion	Dermal	Vapor Inahalation	Exposure Routes Total
Groundwater	Arsenic	7.E-06	1.E-07		7.E-06	0.16	0.55		0.70
					7.E-06				0.70

Notes:
COPC: Chemical of Potential Concern

TABLE 4-1 VEGETATION COVER TYPES AND ASSOCIATED SPECIES IN THE AREA
Central Farmers Fertilizer Facility, Georgetown Canyon

Common Name	Scientific Name	Habitat			
		Aspen	Conifer	Mixed Aspen /Conifer	Sagebrush
Grasses/Sedges					
Elk sedge	*Carex geyeri*		X		
Kentucky bluegrass	*Poa pratensis*			X	
Pinegrass	*Calamagrostis rubescens*	X	X		
Prairie junegrass	*Koeleria cristata*				X
Timothy	*Phleum pretense*	X			
Forbs					
Bastard toadflax	*Comandra umbellate*				X
Black-headed coneflower	*Rudbeckia occidentalis*			X	
Capitate sandwort	*Arenaria congesta*				X
Meadow rue	*Thalictrum occidentalis*	X			
Mule's ear	*Wyethia amplexicaulis*				X
Nettle-leaf horsemint	*Agastache urticifolia*	X			
One-sided wintergreen	*Pyrola secunda*		X		
Silvery lupine	*Lupinus argenteus* Var. *parviflorus*			X	
Sticky geranium	*Geranium viscossimum*	X			
Wild strawberry	*Fragaria virginiana*			X	
Trees/Shrubs					
Aspen	*Populus tremuloides*	X		X	
Cascade mountainash	*Sorbus scopulina*		X		
Douglas fir	*Pseudotsuga menzeizii*		X	X	
Lodgepole pine	*Pinus contorta*		X	X	
Mountain big sagebrush	*Artemisia tridentate* ssp. *Vaseyana*			X	
Mountain lover	*Pachistema myrsinites*		X		
Mountain snowberry	*Symphoricarpos oreophilus*	X		X	X
Oregon grape	*Mahonia repens*				X
Scouler's willow	*Salix scouleriana*			X	
Serviceberry	*Amelanchier alnifolia*		X		
Silver sagebrush	*Artemisia cana*				X
Sub-alpine fir	*Abies lasiocarpa*		X	X	

Reference: Maxim Technologies, Inc. 2001. Baseline Data Collection Vegetation and Wildlife Resources. North Rasmussen Ridge Mine, Caribou County, Idaho. Prepared for Agrium-CPO, August 2001, Helena, Montana.

TABLE 4-2 MIGRATORY BIRDS KNOWN TO OCCUR IN THE AREA
Central Farmers Fertilizer Facility, Georgetown Canyon

Common Name/Species	Habitat
American kestrel *Falco sparverius*	Sagebrush, riparian
American robin *Turdus migratorius*	Riparian, conifer, mixedaspen/conifer
Black-billed magpie *Pica pica*	Riparian, sagebrush, conifer
Brewer's blackbird *Euphagus cyanocephalus*	Sagebrush, riparian
Brown-headed cowbird *Molothrus ater*	Sagebrush, mixed aspen/conifer, wetland
Cassin's finch *Carpodacus cassinii*	Mixed aspen/conifer, conifer
Chipping sparrow *Spizella passerine*	Mixed aspen/conifer
Cinnamon teal *Anas cyanoptera*	Wetland
Common nighthawk *Chordeiles minor*	Sagebrush
Common raven Corvus corax	Mixed aspen/conifer, conifer
Common snipe *Gallinago gallinago*	Wetland
Dark-eyed junco *Junco hyemalis*	Mixed aspen/conifer
Downy woodpecker *Picoides pubescens*	Riparian, mixed aspen/conifer, aspen, conifer
Flammulated owl *Otus flammeolus*	Conifer, mixed aspen/conifer, aspen
Franklin's gull *Larus pipixcan*	Wetland
Gray jay *Perisoreus Canadensis*	Conifer, mixed aspen/conifer
Great-horned owl *Bubo virginianus*	Mixed aspen/conifer, conifer, aspen, riparian
Green-tailed towhee *Pipilo chlororus*	Mountain brush
Hairy woodpecker *Picoides villosus*	Mixed aspen/conifer, conifer, riparian
House wren *Troglodytes aedon*	Riparian, mixed aspen/conifer, aspen
Lincoln's sparrow *Melospiza lincolnii*	Riparian
MacGillivray's warbler *Oporornis tolmiei*	Riparian, mixed aspen/conifer

Common Name/Species	Habitat
Mallard *Anas platyhynchos*	Wetland
Mountain bluebird *Sialia currucoides*	Sagebrush, mixed aspen/conifer
Mountain chickadee *Parus gambeli*	Mixed aspen/conifer, conifer, aspen
Mourning dove *Zenaida macroura*	Sagebrush
Northern flicker *Colaptes auratus*	Mixed aspen/conifer, conifer, aspen, riparian
Northern goshawk *Accipiter gentiles*	Mixed aspen/conifer, aspen, riparian
Pine siskin Carduelis pinus	Mixed aspen/conifer, Conifer
Red crossbill *Loxia curvirostra*	Mixed aspen/conifer, Conifer
Red-breasted nuthatch *Sitta Canadensis*	Sagebrush
Red-naped sapsucker *Sphyrapicus nuchalis*	Aspen, mixed aspen/conifer, riparian
Red-tailed hawk *Buteo jamaicensis*	Riparian, sagebrush, mixed aspen/conifer, aspen
Sandhill crane *Grus Canadensis*	Wetland, riparian
Song sparrow *Melospiza melodia*	Riparian, wetland
Townsend's solitaire *Myadestes townsendi*	Mixed aspen/conifer
Turkey vulture *Cathatres aura*	Sagebrush, mixed aspen/conifer
Vesper sparrow *Pooecetes gramineus*	Sagebrush
Western tanager *Piranga ludoviciana*	Mixed aspen/conifer, conifer, aspen, riparian
Western wood-pewee *Contopus sordidulus*	Riparian, aspen, conifer, mixed aspen/conifer
White-breasted nuthatch *Sitta carolinensis*	Mixed aspen/conifer, conifer, aspen
Williamson's sapsucker *Sphyapicus thyroideus*	Mixed aspen/conifer, conifer, aspen
Yellow warbler *Dendroica petechia*	Riparian
Yellow-rumped warbler *Dendroica coronata*	Mixed aspen/conifer, aspen, riparian

TABLE 4-3 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Soil Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Sample	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRF #19 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Maximum Background Value (mg/kg)	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
Aluminum, total (3050)	12800	19428.571	33600	mg/Kg	TB-12 2.0-4	-	5.83E+03	3.40E+07	21	21 / 21	3.00 - 30.00		5.00E+01	5.00E+00		3.36E+04	5.00E+01	YES	672.0	2.35E+04	YES							exclude*
Antimony, total (3050)	0.1	1.8652381	5.9	mg/Kg	GTB-1 1-3	-	1.70E+00	2.90E+00	21	21 / 21	0.10 - 0.10		3.50E+00	5.00E-01	5.00E+00	5.90E+00	5.90E+00	YES	1.2	3.00E-01	YES							--
Arsenic, total (3050)	3	6.9619048	10.9	mg/Kg	GTB-16 1-3	-	2.33E+00	5.42E+00	21	21 / 21	0.30 - 0.30		1.00E+01	2.50E-01	9.90E+00	1.09E+01	9.90E+00	YES	1.1	8.20E+00	YES							--
Barium, total (3050)	59.7	105.2381	191	mg/Kg	TB-12 2.0-4	-	3.17E+01	1.00E+03	21	21 / 21	0.30 - 3.00		1.65E+02	5.00E+00	2.83E+02	1.91E+02	2.83E+02	no	0.7	1.89E+02	YES	exclude						exclude
Beryllium, total (3050)	0.4	1.1428571	3	mg/Kg	TB-12 2.0-4	B	6.64E-01	4.41E-01	21	18 / 21	0.20 - 2.00		1.10E+00	2.42E+00	1.00E+01	3.00E+00	1.00E+01	no	0.3	1.00E+00	YES	exclude						exclude
Cadmium, total (3050)	1	14.080476	44	mg/Kg	TB-12 2.0-4	-	1.32E+01	1.73E+02	21	21 / 21	0.50 - 5.00		1.60E+00	2.00E-01	4.00E+00	4.40E+01	4.00E+00	YES	11.0	3.80E+00	YES							--
Calcium, total (3050)	19300	119676.19	248000	mg/Kg	TB-12 2.0-4	-	7.24E+04	5.24E+09	21	21 / 21	20.00 - 200.00					2.48E+05	no screen value	unknown	no screen value	4.25E+04	YES				exclude			exclude
Chromium, total (3050)	47	229.14286	450	mg/Kg	TB-12 2.0-4	-	1.46E+02	2.14E+04	21	21 / 21	1.00 - 10.00		4.00E-01	8.40E+01	4.00E-01	4.50E+02	4.00E-01	YES	1125.0	5.40E+01	YES							--
Copper, total (3050)	18	45.52381	158	mg/Kg	TB-10 3.0-5	-	3.37E+01	1.13E+03	21	21 / 21	1.00 - 10.00		4.00E+01	1.00E+00	6.00E+01	1.58E+02	6.00E+01	YES	2.6	2.30E+01	YES							--
Iron, total (3050)	5720	14340.476	27500	mg/Kg	GTB-1 1-3	-	5.90E+03	3.48E+07	21	21 / 21	1.00 - 10.00		2.00E+02	1.00E+01		2.75E+04	2.00E+02	YES	137.5	2.51E+04	YES							--
Lead, total (3050)	5.34	43.798571	188	mg/Kg	GTB-9 1-3	-	4.83E+01	2.14E+03	21	21 / 21	0.05 - 0.05		5.00E+01	4.50E+00	4.05E+01	1.88E+02	4.05E+01	YES	4.6	1.87E+01	YES							--
Magnesium, total (3050)	3160	8528.5714	18700	mg/Kg	GTB-5 1-3	-	4.92E+03	2.42E+07	21	21 / 21	20.00 - 200.00					1.87E+04	no screen value	unknown	no screen value	2.02E+04	YES				exclude	exclude		exclude
Manganese, total (3050)	191	729.42857	1540	mg/Kg	GTB-6 1-3	-	4.58E+02	2.10E+05	21	21 / 21	0.50 - 5.00		1.00E+02	1.00E+02		1.54E+03	1.00E+02	YES	15.4	1.95E+03	YES					exclude		exclude
Mercury, total	0.04	1.5452381	29.2	mg/Kg	TB-10 3.0-5	-	6.34E+00	4.02E+01	21	16 / 21	0.04 - 0.50		1.00E-01		5.10E-04	2.92E+01	5.10E-04	YES	57254.9	5.00E-02	YES							--
Molybdenum, total (3050)	1	6.0952381	12	mg/Kg	GTB-15 1-3	-	3.65E+00	1.46E+01	21	17 / 21	1.00 - 10.00		2.00E+00	2.00E+00	2.00E+00	1.20E+01	2.00E+00	YES	6.0	2.00E+00	YES							--
Nickel, total (3050)	29	90.761905	100	mg/Kg	GTS0-6	-	2.23E+01	4.97E+02	21	21 / 21	1.00 - 10.00		3.00E+01	2.50E+01	3.00E+01	1.00E+02	3.00E+01	YES	3.3	2.90E+01	YES							--
Potassium, total (3050)	3060	6111.4286	10400	mg/Kg	GTB-3 1-3	-	2.01E+03	4.03E+06	21	21 / 21	30.00 - 300.00					1.04E+04	no screen value	unknown	no screen value	6.26E+03	YES				exclude			exclude
Selenium, total (3050)	0.5	7.3428571	19.1	mg/Kg	GTB-15 1-3	-	6.44E+00	4.15E+01	21	20 / 21	0.50 - 1.00		8.10E-01	2.00E-02	2.10E-01	1.91E+01	2.10E-01	YES	91.0	1.90E+00	YES							--
Silver, total (3050)	0.22	4.252381	25.9	mg/Kg	GTB-3 1-3	-	6.19E+00	3.83E+01	21	21 / 21	0.03 - 0.05		2.00E+00	2.00E+00	2.00E+00	2.59E+01	2.00E+00	YES	13.0	3.20E-01	YES							--
Sodium, total (3050)	180	937.61905	2880	mg/Kg	TB-12 2.0-4	-	7.73E+02	5.98E+05	21	21 / 21	30.00 - 300.00					2.88E+03	no screen value	unknown	no screen value	1.40E+02	YES				exclude			exclude
Thallium, total (3050)	0.25	1.1266667	7.3	mg/Kg	GTB-1 1-3	-	1.68E+00	2.44E+00	21	21 / 21	0.03 - 0.05		1.00E+00	1.00E-02	1.00E+00	7.30E+00	1.00E+00	YES	7.3	2.90E-01	YES							--
Vanadium, total (3050)	40.7	234.05238	554	mg/Kg	TB-12 2.0-4	-	1.79E+02	3.19E+04	21	21 / 21	0.50 - 5.00		2.00E+00	2.00E+00	2.00E+00	5.54E+02	2.00E+00	YES	277.0	5.86E+01	YES							--
Zinc, total (3050)	134	611.61905	3150	mg/Kg	GTB-1 1-3	-	8.24E+02	6.79E+05	21	21 / 21	1.00 - 10.00		5.00E+01	9.00E-01	8.50E+00	3.15E+03	8.50E+00	YES	370.6	1.30E+02	YES							--
1,1,1,2-Tetrachloroethane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,1,1-Trichloroethane	10	10	10	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			1.50E+01		1.00E-02	1.50E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,1,2,2-Tetrachloroethane	3	3	3	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	3.00 - 3.00					3.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,1,2-Trichloroethane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			1.00E+01		4.00E-03	1.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,1-Dichloroethane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			1.50E+01		4.00E-03	1.50E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,1-Dichloroethene	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			3.00E-01		4.00E-03	3.00E-01	no	0.0		no	exclude		exclude			exclude	exclude
1,1-Dichloropropane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2,3-Trichlorobenzene	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			2.00E+01	2.00E+01	4.00E-03	2.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,2,3-Trichloropropane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2,4-Trichlorobenzene	3	45.636364	70	ug/Kg	GTS0-7	U	3.35E+01	1.14E+03	11	0 / 11	3.00 - 70.00				2.00E+01	7.00E-02	2.00E+01	no	0.0		YES	exclude		exclude				exclude
1,2,4-Trimethylbenzene	4	5	8	ug/Kg	GTS0-5	-	2.00E+00	4.00E+00	4	1 / 4	4.00 - 4.00					8.00E-03	no screen value	unknown	no screen value		YES							--
1,2-Dibromo-3-chloropropa	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2-Dibromoethane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2-Dichlorobenzene	4	46	70	ug/Kg	GTS0-7	U	3.33E+01	1.11E+03	11	0 / 11	4.00 - 70.00			1.70E+01		7.00E-02	1.70E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,2-Dichloroethane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		4.00E-01	4.00E+00		4.00E-03	4.00E-01	no	0.0		no	exclude		exclude			exclude	exclude
1,2-Dichloropropane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		7.00E+02			4.00E-03	7.00E+02	no	0.0		no	exclude		exclude			exclude	exclude
1,3,5-Trimethylbenzene	4	4	4	ug/Kg	GTS0-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
1,3-Dichlorobenzene	4	46	70	ug/Kg	GTS0-7	U	3.33E+01	1.11E+03	11	0 / 11	4.00 - 70.00			2.40E+01		7.00E-02	2.40E+01	no	0.0		no	exclude		exclude			exclude	exclude
1,3-Dichloropropane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,4-Dichlorobenzene	4	46	70	ug/Kg	GTS0-7	U	3.33E+01	1.11E+03	11	0 / 11	4.00 - 70.00			1.80E+01		7.00E-02	1.80E+01	no	0.0		no	exclude		exclude			exclude	exclude
2,2-Dichloropropane	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4,5-Trichlorophenol	300	300	300	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00		4.00E+00	4.00E+00	9.00E+00	3.00E-01	9.00E+00	no	0.0		no	exclude		exclude			exclude	exclude
2,4,6-Trichlorophenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E+01	1.00E+01	4.00E+00	7.00E-02	4.00E+00	no	0.0		no	exclude		exclude			exclude	exclude
2,4-Dichlorophenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		3.00E-03	2.00E+01		7.00E-02	3.00E-03	YES	23.3		no						exclude	exclude
2,4-Dimethylphenol	100	100	100	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	100.00 - 100.00			2.00E+01		1.00E-01	2.00E+01	no	0.0		YES	exclude		exclude				exclude
2,4-Dinitrophenol	700	700	700	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	700.00 - 700.00			2.00E+01	2.00E+01	7.00E-01	2.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
2,4-Dinitrotoluene	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,6-Dinitrotoluene	300	300	300	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00					3.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Butanone	10	10	10	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00					1.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chloroethyl vinyl ether	5	5	5	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	5.00 - 5.00					5.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chloronaphthalene	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chlorophenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-02	6.00E+01		7.00E-02	1.00E-02	YES	7.0		no						exclude	exclude
2-Chlorotoluene	4	4	4	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Hexanone	10	10	10	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00					1.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Methylnaphthalene	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
2-Methylphenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Nitroaniline	300	300	300	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00					3.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Nitrophenol	100	100	100	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	100.00 - 100.00					1.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3- & 4-Methylphenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3,3-Dichlorobenzidine	100	100	100	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	100.00 - 100.00					1.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3-Nitroaniline	300	300	300	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00			7.00E+01		3.00E-01	7.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
4,6-Dinitro-2-methylphenol	300	300	300	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00					3.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Bromophenyl phenyl ethe	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Chloro-3-methylphenol	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			1.50E+01		7.00E-02	1.50E+01	no	0.0		no	exclude		exclude			exclude	exclude
4-Chloroaniline	70	70	70	ug/Kg	GTS0-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			4.00E+01		7.00E-02	4.00E+01	no	0.0		no	exclude		exclude			exclude	exclude

TABLE 4-3 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Soil Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRP #19 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Maximum Background Value (mg/kg)	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
4-Chlorophenyl phenyl ether	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Chlorotoluene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Isopropyltoluene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Methyl-2-Pentanone	10	10	10	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			9.10E+01		1.00E-02	9.10E+01	no	0.0		no	exclude		exclude			exclude	exclude
4-Nitroaniline	300	300	300	ug/Kg	GTSO-5	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00			4.00E+01		3.00E-01	4.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
4-Nitrophenol	300	300	300	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00		7.00E+00	7.00E+00	7.00E+00	3.00E-01	7.00E+00	no	0.0		no	exclude		exclude			exclude	exclude
Acenaphthene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		2.00E+01		2.00E+01	7.00E-02	2.00E+01	no	0.0		YES	exclude		exclude				exclude
Acenaphthylene	70	70	70	ug/Kg	GTSO-5	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Acetone	10	10	10	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			2.00E+01		1.00E-02	2.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
Acrylonitrile	20	20	20	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	20.00 - 20.00		1.00E+03	1.00E-01		2.00E-02	1.00E+03	no	0.0		no	exclude		exclude			exclude	exclude
Anthracene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-01	1.60E+00		7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
Aroclor 1016	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02	1.63E+01		3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1221	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02			3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1232	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02			3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1242	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02	3.39E-01		3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1248	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02	7.12E-01		3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1254	30	30	30	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	30.00 - 30.00		2.00E-02	1.11E+00		3.00E-02	2.00E-02	YES	1.5		YES			exclude				exclude
Aroclor 1260	30	122.85714	620	ug/Kg	GTB-5 1-3	-	2.20E+02	4.86E+04	7	2 / 7	30.00 - 30.00		2.00E-02			6.20E-01	2.00E-02	YES	31.0		YES							--
Azobenzene	300	300	300	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	300.00 - 300.00					3.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Benzene	0.3	2.4142857	4	ug/Kg	GTSO-8	U	1.98E+00	3.91E+00	7	0 / 7	0.30 - 4.00		5.00E-02	5.00E-02		4.00E-03	5.00E-02	no	0.1		YES	exclude		exclude				exclude
Benzo(a)anthracene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			2.50E+00		7.00E-02	2.50E+00	no	0.0		YES	exclude		exclude				exclude
Benzo(a)pyrene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-01	1.00E-01		7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
Benzo(b)fluoranthene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Benzo(g,h,i)perylene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			3.30E+01		7.00E-02	3.30E+01	no	0.0		YES	exclude		exclude				exclude
Benzo(k)fluoranthene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			3.80E+01		7.00E-02	3.80E+01	no	0.0		YES	exclude		exclude				exclude
Benzoic acid	300	457.14286	700	ug/Kg	GTSO-7	-	1.99E+02	3.96E+04	7	3 / 7	300.00 - 300.00					7.00E-01	no screen value	unknown	no screen value		no							--
Benzyl alcohol	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-chloroethoxy)methane	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-chloroethyl) ether	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-chloroisopropyl) ether	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-ethylhexyl) phthalate	100	100	100	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	100.00 - 100.00			9.10E-01		1.00E-01	9.10E-01	no	0.1		YES	exclude		exclude				exclude
Bromobenzene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromochloromethane	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromodichloromethane	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromoform	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromomethane	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Butyl benzyl phthalate	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			4.80E+01		7.00E-02	4.80E+01	no	0.0		no	exclude		exclude			exclude	exclude
Carbon Disulfide	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Carbon Tetrachloride	10	10	10	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00		1.00E+03	5.86E+01		1.00E-02	1.00E+03	no	0.0		no	exclude		exclude			exclude	exclude
Chlorobenzene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		5.00E-02	1.50E+01	4.00E+01	4.00E-03	4.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
Chloroethane	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Chloroform	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.00E-03	1.50E+02		4.00E-03	1.00E-03	YES	4.0		no						exclude	exclude
Chloromethane	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Chrysene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			3.50E+01		7.00E-02	3.50E+01	no	0.0		YES	exclude		exclude				exclude
cis-1,2-Dichloroethene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
cis-1,3-Dichloropropene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dibenz(a,h)anthracene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Dibenzofuran	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dibromochloromethane	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dibromomethane	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			3.90E+00		4.00E-03	3.90E+00	no	0.0		no	exclude		exclude			exclude	exclude
Dichlorodifluoromethane	5	5	5	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	5.00 - 5.00					5.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Diethylphthalate	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E+02	5.30E+01	1.00E+02	7.00E-02	1.00E+02	no	0.0		YES	exclude		exclude				exclude
Dimethyl phthalate	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		2.00E+02	8.40E+01		7.00E-02	2.00E+02	no	0.0		YES	exclude		exclude				exclude
Di-n-butyl phthalate	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		2.00E+02	9.10E+01	2.00E+02	7.00E-02	2.00E+02	no	0.0		YES	exclude		exclude				exclude
Di-n-octyl phthalate	70	105.71429	200	ug/Kg	GTSO-5	-	6.11E+01	3.73E+03	7	2 / 7	70.00 - 70.00					2.00E-01	no screen value	unknown	no screen value		no							--
Ethylbenzene	0.2	2.3714286	4	ug/Kg	GTSO-6	U	2.03E+00	4.13E+00	7	0 / 7	0.20 - 4.00		5.00E-02	1.00E-01		4.00E-03	5.00E-02	no	0.1		YES	exclude		exclude				exclude
Fluoranthene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-01	2.50E+02		7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
Fluorene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		3.00E+01	3.00E+01		7.00E-02	3.00E+01	no	0.0		YES	exclude		exclude				exclude
Hexachlorobenzene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		2.50E-03	1.00E+03		7.00E-02	2.50E-03	YES	28.0		no						exclude	exclude
Hexachlorobutadiene	4	46	70	ug/Kg	GTSO-7	U	3.33E+01	1.11E+03	11	0 / 11	4.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Hexachlorocyclopentadiene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E+01	1.00E+01	1.00E+01	7.00E-02	1.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
Hexachloroethane	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Indeno(1,2,3-cd)pyrene	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00			1.90E+00		7.00E-02	1.90E+00	no	0.0		YES	exclude		exclude				exclude
Isophorone	70	70	70	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Isopropylbenzene	4	4	4	ug/Kg	GTSO-6	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
m,p-Xylene	0.4	5.914286	10	ug/Kg	GTSO-8	U	5.10E+00	2.60E+01	7	2 / 7	0.40 - 10.00		5.00E-02	1.00E-01		1.90E-02	5.00E-02	no	0.2		YES	exclude		exclude				exclude
Methyl Tert Butyl Ether	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			1.00E+02		4.00E-03	1.00E+02	no	0.0		YES	exclude		exclude				exclude
Methylene Chloride	4	87	185	ug/Kg	GTSO-5	-	7.45E+01	5.55E+03	4	3 / 4	4.00 - 4.00					1.85E-01	no screen value	unknown	no screen value		no							--

TABLE 4-3 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Soil Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRP #19 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Maximum Background Value (mg/kg)	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
Naphthalene	3	45.636364	70	ug/Kg	GTSO-7	U	3.38E+01	1.14E+03	11	0 / 11	3.00 - 70.00		1.00E-01	1.00E-01		7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
n-Butylbenzene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
Nitrobenzene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		4.00E+01	8.00E+00		7.00E-02	4.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
N-Nitrosodimethylamine	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		2.00E+01	2.00E+01		7.00E-02	2.00E+01	no	0.0		no	exclude		exclude			exclude	exclude
N-Nitrosodi-n-propylamine	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
N-Nitrosodiphenylamine	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00					7.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
n-Propylbenzene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
o-Xylene	0.2	2.3714286	4	ug/Kg	GTSO-8	U	2.03E+00	4.13E+00	7	1 / 7	0.20 - 4.00		5.00E-02	1.00E+00		4.00E-03	5.00E-02	no	0.1		YES	exclude		exclude				exclude
Pentachlorophenol	300	442.85714	1300	ug/Kg	GTSO-7	-	3.78E+02	1.43E+05	7	1 / 7	300.00 - 300.00		2.00E-03	3.00E+00	3.00E+00	1.30E+00	3.00E+00	no	0.4		no	exclude						exclude
Phenanthrene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-01	3.10E+01		7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
Phenol	100	100	100	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	100.00 - 100.00		5.00E-02	3.80E+00	3.00E+01	1.00E-01	3.00E+01	no	0.0		YES	exclude		exclude				exclude
Pyrene	70	70	70	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	7	0 / 7	70.00 - 70.00		1.00E-01			7.00E-02	1.00E-01	no	0.7		YES	exclude		exclude				exclude
sec-Butylbenzene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
Styrene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.00E-01	8.60E+01	3.00E+02	4.00E-03	3.00E+02	no	0.0		YES	exclude		exclude				exclude
tert-Butylbenzene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		YES		exclude					exclude
Tetrachloroethene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.00E-02	1.00E-01		4.00E-03	1.00E-02	no	0.4		no	exclude		exclude			exclude	exclude
Toluene	0.4	2.5285714	4	ug/Kg	GTSO-8	U	1.84E+00	3.38E+00	7	3 / 7	0.20 - 4.00		5.00E-02	1.00E-01	2.00E+02	4.00E-03	2.00E+02	no	0.0		YES	exclude		exclude				exclude
trans-1,2-Dichloroethene	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
trans-1,3-Dichloropropene	3	3	3	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	3.00 - 3.00					3.00E-03	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Trichloroethene	5	5	5	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	5.00 - 5.00		1.00E-03	1.00E-01		5.00E-03	1.00E-03	YES	5.0		no						exclude	exclude
Trichlorofluoromethane	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude					exclude
Vinyl Acetate	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value		no		exclude					exclude
Vinyl Chloride	4	4	4	ug/Kg	GTSO-8	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.00E-02	1.00E-01		4.00E-03	1.00E-02	no	0.4		no	exclude		exclude				exclude

Notes

[1] NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
[2] USEPA. 2001. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecolbul.htm)
[3] WDEQ Fact Sheet 19. Technical Memo 3. Tables 1-4. 3 March 2005
[4] ORNL Preliminary Remediation Goals for Ecological Endpoints. August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
[5] Use ORNL otherwise EPA R4 otherwise the maximum NOAA SQuiRT or WDEQ
[6] Analytes with a site history are considered to include all inorganics, derivatives from petroleum use (but not solvents used in petroleum processing) and PCBs.
[7] Defined here as Calcium, Magnesium, Sodium, Chloride, Potassium, Sulphate and Nitrate/Nitrite as N
[8] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated
a The screening value for aluminum is based on a low soil pH (5.0). USEPA Region 5 (http://www.epa.gov/R5Superfund/ecology/html/toxprofiles.html#al) states that for soil pH values >5.5, aluminum can generally be considered non-toxic. Soil pH values at the Central Farmers Fertilizer Facility site range from 7.3-7.6. In addition, the maximum background value and the maximum site value are the same order of magnitude, in

TABLE 4-4 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN ORE
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Soil Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1]	EPA Region 4 [2]	WDEQ VRP #19 [3]	ORNL PRGs [4]	Maximum Result	Screen Value Used [5]	Maximum Result > Screen Value?	HQ	Maximum Background Value	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
												(ug/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			(mg/kg)								
Aluminum, total (3050)	14200	14366.667	14600	mg/Kg	GTORE-3	-	1.53E+02	2.33E+04	3	3 / 3	30.00 - 30.00		6.00E+01	2.55E+04		14600	6.00E+01	YES	290.0	2.38E+04	YES					exclude		exclude
Antimony, total (3050)	7.4	7.7	8	mg/Kg	GTORE-2	-	3.00E-01	9.00E-02	3	3 / 3	0.10 - 0.10		3.50E+00	1.20E+01	5.00E+00	8	5.00E+00	YES	1.6	3.00E-01	YES							--
Arsenic, total (3050)	20.6	21.133333	21.8	mg/Kg	GTORE-3	-	6.11E-01	3.73E-01	3	3 / 3	0.30 - 0.30		1.00E+01	5.90E+00	9.90E+00	21.8	9.90E+00	YES	2.2	8.20E+00	YES							--
Barium, total (3050)	58	74.666667	85	mg/Kg	GTORE-1	-	6.11E+00	3.73E+01	3	3 / 3	3.00 - 3.00		1.55E+02	2.00E+01	2.83E+02	85	2.83E+02	no	0.3	1.89E+02	YES	exclude				exclude		exclude
Beryllium, total (3050)	2	2	2	mg/Kg	GTORE-3	U	0.00E+00	0.00E+00	3	0 / 3	2.00 - 2.00		1.10E+00		1.00E+01	2	1.00E+01	no	0.2	1.00E+00	YES	exclude		exclude				exclude
Cadmium, total (3050)	69	87.333333	100	mg/Kg	GTORE-3	-	1.63E+01	2.64E+02	3	3 / 3	5.00 - 5.00		1.80E+00	5.92E-01	4.00E+00	100	4.00E+00	YES	25.0	3.90E+00	YES							--
Calcium, total (3050)	206000	207333.33	210000	mg/Kg	GTORE-3	-	2.52E+03	6.33E+06	3	3 / 3	200.00 - 200.00					210000	no screen value	unknown	no screen value	4.25E+04	YES				exclude			exclude
Chromium, total (3050)	1020	1090	1160	mg/Kg	GTORE-2	-	7.00E+01	4.90E+03	3	3 / 3	10.00 - 10.00		4.00E-01	2.50E+01	4.00E-01	1160	4.00E-01	YES	2900.0	5.40E+01	YES							--
Copper, total (3050)	110	120	130	mg/Kg	GTORE-1	-	1.00E+01	1.00E+02	3	3 / 3	10.00 - 10.00		4.00E+01	1.60E+01	6.00E+01	130	6.00E+01	YES	2.2	2.30E+01	YES							--
Iron, total (3050)	12900	13366.667	13800	mg/Kg	GTORE-2	-	8.66E+02	4.43E+05	3	3 / 3	10.00 - 10.00		2.00E+02	2.00E+04		13800	2.00E+02	YES	69.0	2.61E+04	YES					exclude		exclude
Lead, total (3050)	11	12.333333	14.5	mg/Kg	GTORE-3	-	1.80E+00	3.58E+00	3	3 / 3	0.05 - 0.05		5.00E+01	3.02E+01	4.05E+01	14.5	4.05E+01	no	0.4	1.87E+01	YES	exclude				exclude		exclude
Magnesium, total (3050)	2700	2866.6667	3100	mg/Kg	GTORE-1	-	2.08E+02	4.33E+04	3	3 / 3	200.00 - 200.00					3100	no screen value	unknown	no screen value	2.02E+04	YES				exclude	exclude		exclude
Manganese, total (3050)	99	166.66667	275	mg/Kg	GTORE-3	-	9.54E+01	9.11E+03	3	3 / 3	5.00 - 5.00		1.00E+02	4.90E+02		275	1.00E+02	YES	2.8	1.95E+03	YES					exclude		exclude
Mercury, total	0.42	0.5	0.58	mg/Kg	GTORE-2	-	7.00E-02	4.80E-03	3	3 / 3	0.04 - 0.04		1.00E-01		5.10E-04	0.58	5.10E-04	YES	10.18.4	5.00E-02	YES							--
Molybdenum, total (3050)	30	33.333333	40	mg/Kg	GTORE-3	B	5.77E+00	3.33E+01	3	3 / 3	10.00 - 10.00		2.00E+00		2.00E+00	40	2.00E+00	YES	20.0	2.00E+00	YES							--
Nickel, total (3050)	190	206.6667	220	mg/Kg	GTORE-1	-	1.53E+01	2.33E+02	3	3 / 3	10.00 - 10.00		3.00E+01	1.59E+01	3.00E+01	220	3.00E+01	YES	7.3	2.90E+01	YES							--
Potassium, total (3050)	4700	4800	4900	mg/Kg	GTORE-3	-	1.00E+02	1.00E+04	3	3 / 3	300.00 - 300.00					4900	no screen value	unknown	no screen value	6.26E+03	YES				exclude	exclude		exclude
Selenium, total (3050)	35	36.666667	39	mg/Kg	GTORE-2	-	2.08E+00	4.33E+00	3	3 / 3	1.00 - 1.00		8.10E-01	1.00E-01	2.10E-01	39	2.10E-01	YES	185.7	1.90E+00	YES							--
Silver, total (3050)	5.91	6.4166667	6.81	mg/Kg	GTORE-2	-	5.00E-01	2.50E-01	3	3 / 3	0.03 - 0.03		2.00E+00	2.00E+00	2.00E+00	6.91	2.00E+00	YES	3.5	3.20E-01	YES							--
Sodium, total (3050)	1200	1300	1500	mg/Kg	GTORE-1	-	1.73E+02	3.00E+04	3	3 / 3	300.00 - 300.00					1500	no screen value	unknown	no screen value	1.40E+02	YES				exclude			exclude
Thallium, total (3050)	2.16	2.91	3.6	mg/Kg	GTORE-3	-	7.23E-01	5.21E-01	3	3 / 3	0.06 - 0.06		1.00E+00		1.00E+00	3.6	1.00E+00	YES	3.6	2.80E-01	YES							--
Uranium, total (3050)	66.7	74.4	81.8	mg/Kg	GTORE-3	-	7.58E+00	5.71E+01	3	3 / 3	0.03 - 0.03		5.00E+00		5.00E+00	81.8	5.00E+00	YES	16.4		YES							--
Vanadium, total (3050)	830	1093.6667	1240	mg/Kg	GTORE-3	-	2.04E+02	4.14E+04	3	3 / 3	5.00 - 5.00		2.00E+00		2.00E+00	1240	2.00E+00	YES	620.0	5.88E+01	YES							--
Zinc, total (3050)	1080	1176.6667	1270	mg/Kg	GTORE-3	-	9.50E+01	9.03E+03	3	3 / 3	10.00 - 10.00		5.00E+01	1.20E+02	8.50E+00	1270	8.50E+00	YES	149.4	1.30E+02	YES							--

Notes

[1] NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
[2] USEPA. 2001. Supplemental Guidance to RAGS: Region 4 Bulletins. Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecolbul.htm)
[3] WDEQ Fact Sheet 19, Technical Memo 3, Tables 1-4, 3 March 2005
[4] ORNL Preliminary Remediation Goals for Ecological Endpoints, August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
[5] Use ORNL otherwise EPA R4 otherwise the maximum NOAA SQuiRT or WDEQ.
[6] Analytes with a site history are considered to include all inorganics, derivatives from petroleum use (but not solvents used in petroleum processing) and PCBs.
[7] Defined here as Calcium, Magnesium, Sodium, Chloride, Potassium, Sulphate and Nitrate/Nitrite as N
[8] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated

TABLE 4-5 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SEDIMENT

Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Sediment Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT (1) (ug/kg)	EPA Region 4 (2) (mg/kg)	WDEQ VRP #10 (3) (mg/kg)	ORNL PRGs (4) (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Maximum Background Value (mg/kg)	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
Aluminum, total (3050)	14600	16275	19000	mg/Kg	GTSED-4	–	2.05E+03	4.22E+06	4	4 / 4	3.00 - 3.00			2.55E+04		1.90E+04	2.55E+04	no	0.7	2.35E+04	YES	exclude				exclude		exclude
Antimony, total (3050)	0.6	1.925	4.6	mg/Kg	GTSED-4	–	1.92E+00	3.69E+00	4	4 / 4	0.10 - 0.10		1.20E+01	1.20E+01		4.60E+00	1.20E+01	no	0.4	3.00E-01	YES	exclude						exclude
Arsenic, total (3050)	4.71	9.0225	18.2	mg/Kg	GTSED-4	–	6.21E+00	3.86E+01	4	4 / 4	0.25 - 0.25	5.90E+03	7.24E+00	5.90E+00	4.20E+01	1.82E+01	4.20E+01	no	0.4	6.20E+00	YES	exclude						exclude
Barium, total (3050)	77.9	107.25	152	mg/Kg	GTSED-3	–	3.37E+01	1.13E+03	4	4 / 4	0.30 - 0.30			2.00E+01		1.52E+02	2.00E+01	YES	7.6	1.60E+02	YES					exclude		exclude
Beryllium, total (3050)	0.7	0.85	0.9	mg/Kg	GTSED-4	B	1.00E-01	1.00E-02	4	4 / 4	0.20 - 0.20					9.00E-01	no screen value	unknown	no screen value	1.00E+00	YES					exclude		exclude
Cadmium, total (3050)	5.2	18.25	44.3	mg/Kg	GTSED-4	–	1.77E+01	3.13E+02	4	4 / 4	0.50 - 0.50	5.83E+02	1.00E+00	5.92E-01	4.20E+00	4.43E+01	4.20E+00	YES	10.5	3.60E+00	YES							–
Calcium, total (3050)	44300	88575	122000	mg/Kg	GTSED-4	–	3.26E+04	1.06E+09	4	4 / 4	20.00 - 40.00					1.22E+05	no screen value	unknown	no screen value	4.35E+04	YES				exclude			exclude
Chromium, total (3050)	139	281	606	mg/Kg	GTSED-4	–	2.18E+02	4.75E+04	4	4 / 4	1.00 - 1.00	3.83E+04	5.28E+01	2.60E+01	1.59E+02	6.06E+02	1.59E+02	YES	3.8	6.40E+01	YES							–
Copper, total (3050)	29	43	81	mg/Kg	GTSED-4	–	2.54E+01	6.43E+02	4	4 / 4	1.00 - 1.00	2.80E+04	1.67E+01	1.60E+01	7.77E+01	8.10E+01	7.77E+01	YES	1.0	2.80E+01	YES							–
Iron, total (3050)	10900	13725	16000	mg/Kg	GTSED-4	–	2.32E+03	5.40E+06	4	4 / 4	1.00 - 1.00	3.80E+04		2.00E+04		1.60E+04	2.00E+04	no	0.8	2.61E+04	YES	exclude				exclude		exclude
Lead, total (3050)	7.4	11.275	13.6	mg/Kg	GTSED-4	–	2.68E+00	7.21E+00	4	4 / 4	0.05 - 0.05		3.02E+01	3.02E+01	1.10E+02	1.30E+01	1.10E+02	no	0.1	1.87E+01	YES	exclude				exclude		exclude
Magnesium, total (3050)	6750	8642.5	12200	mg/Kg	GTSED-1	–	2.47E+03	6.11E+06	4	4 / 4	20.00 - 20.00					1.22E+04	no screen value	unknown	no screen value	2.02E+04	YES				exclude	exclude		exclude
Manganese, total (3050)	427	581	768	mg/Kg	GTSED-3	–	1.72E+02	2.96E+04	4	4 / 4	0.50 - 0.50	6.30E+05		4.60E+02		7.68E+02	6.30E+02	YES	1.2	1.95E+03	YES					exclude		exclude
Mercury, total	0.07	0.1475	0.28	mg/Kg	GTSED-4	–	1.00E-01	1.00E-02	4	4 / 4	0.04 - 0.06		1.30E-01		7.00E-01	2.80E-01	7.00E-01	no	0.4	5.00E-02	YES	exclude						exclude
Molybdenum, total (3050)	5	10.5	25	mg/Kg	GTSED-4	–	9.68E+00	9.37E+01	4	4 / 4	1.00 - 1.00					2.50E+01	no screen value	unknown	no screen value	3.00E+00	YES							–
Nickel, total (3050)	46	72	130	mg/Kg	GTSED-4	–	4.42E+01	1.95E+03	4	4 / 4	1.00 - 1.00	1.80E+04	1.59E+01	1.59E+01	3.85E+01	1.30E+02	3.85E+01	YES	3.4	2.90E+01	YES							–
Potassium, total (3050)	3790	4792.5	5950	mg/Kg	GTSED-4	–	9.77E+02	7.09E+05	4	4 / 4	30.00 - 30.00					5.93E+03	no screen value	unknown	no screen value	6.20E+03	YES				exclude	exclude		exclude
Selenium, total (3050)	10.6	18.975	36	mg/Kg	GTSED-4	–	1.15E+01	1.33E+02	4	4 / 4	0.50 - 1.00			1.00E-01		3.60E+01	1.00E-01	YES	360.0	1.90E+00	YES							–
Silver, total (3050)	1.13	2.11	4.45	mg/Kg	GTSED-4	–	1.57E+00	2.46E+00	4	4 / 4	0.03 - 0.03		2.00E+00	2.00E+00	1.80E+00	4.45E+00	1.80E+00	YES	2.5	3.20E-01	YES							–
Sodium, total (3050)	240	627.5	910	mg/Kg	GTSED-4	–	2.81E+02	6.82E+04	4	4 / 4	30.00 - 30.00					9.10E+02	no screen value	unknown	no screen value	1.40E+02	YES				exclude			exclude
Thallium, total (3050)	0.41	0.975	1.94	mg/Kg	GTSED-4	–	6.67E-01	4.45E-01	4	4 / 4	0.03 - 0.03					1.94E+00	no screen value	unknown	no screen value	2.90E-01	YES							–
Vanadium, total (3050)	114	260.25	606	mg/Kg	GTSED-4	–	2.30E+02	5.28E+04	4	4 / 4	0.50 - 0.50					6.06E+02	no screen value	unknown	no screen value	5.88E+01	YES							–
Zinc, total (3050)	217	426.5	621	mg/Kg	GTSED-4	–	2.09E+02	7.25E+04	4	4 / 4	1.00 - 1.00	9.80E+04	1.24E+02	1.20E+02	2.70E+02	6.21E+02	2.70E+02	YES	3.0	1.30E+02	YES							–
1,1,1,2-Tetrachloroethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,1,1-Trichloroethane	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00			3.00E-02	9.60E+00	1.00E-01	9.60E+00	no	0.0		no	exclude		exclude			exclude	exclude
1,1,2,2-Tetrachloroethane	30	30	30	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	30.00 - 30.00			9.40E-01	5.40E+00	3.00E-02	5.40E+00	no	0.0		no	exclude		exclude			exclude	exclude
1,1,2-Trichloroethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00			1.20E+00	9.60E+00	4.00E-02	9.60E+00	no	0.0		no	exclude		exclude			exclude	exclude
1,1-Dichloroethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00			2.70E-02	2.70E-02	4.00E-02	2.70E-02	YES	1.5		no			exclude			exclude	exclude
1,1-Dichloroethene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00			3.10E-02	3.50E+00	4.00E-02	3.50E+00	no	0.0		no	exclude		exclude			exclude	exclude
1,1-Dichloropropene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2,3-Trichlorobenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2,3-Trichloropropane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2,4-Trichlorobenzene	30	115	200	ug/Kg	GTSED-2	U	1.20E+02	1.45E+04	2	0 / 2	30.00 - 200.00			9.20E+00	9.70E+00	2.00E-01	9.70E+00	no	0.0		YES	exclude		exclude				exclude
1,2,4-Trimethylbenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2-Dibromo-3-chloropropa	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2-Dibromoethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,2-Dichlorobenzene	40	120	200	ug/Kg	GTSED-2	U	1.13E+02	1.28E+04	2	0 / 2	40.00 - 200.00			3.30E-01	3.30E-01	2.00E-01	3.30E-01	no	0.6		no	exclude		exclude			exclude	exclude
1,2-Dichloroethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00			2.60E-01	4.30E+00	4.00E-02	4.30E+00	no	0.0		no	exclude		exclude			exclude	exclude
1,2-Dichloropropane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,3,5-Trimethylbenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
1,3-Dichlorobenzene	40	120	200	ug/Kg	GTSED-2	U	1.13E+02	1.28E+04	2	0 / 2	40.00 - 200.00			1.70E+00	1.70E+00	2.00E-01	1.70E+00	no	0.1		no	exclude		exclude			exclude	exclude
1,3-Dichloropropane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
1,4-Dichlorobenzene	40	120	200	ug/Kg	GTSED-2	U	1.13E+02	1.28E+04	2	0 / 2	40.00 - 200.00			3.40E-01	3.50E-01	2.00E-01	3.50E-01	no	0.6		no	exclude		exclude			exclude	exclude
2,2-Dichloropropane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4,5-Trichlorophenol	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4,6-Trichlorophenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4-Dichlorophenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4-Dimethylphenol	400	400	400	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00			2.90E-02		4.00E-01	2.90E-02	YES	13.8		YES							–
2,4-Dinitrophenol	2000	2000	2000	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	2000.00 - 2000.00					2.00E+00	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,4-Dinitrotoluene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2,6-Dinitrotoluene	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Butanone	100	100	100	ug/Kg	GTSED-2	J	n/a	n/a	1	1 / 1	100.00 - 100.00			2.70E-01	2.70E-01	1.00E-01	2.70E-01	no	0.4		no	exclude						exclude
2-Chloroethyl vinyl ether	500	500	500	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	500.00 - 500.00					5.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chloronaphthalene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chlorophenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Chlorotoluene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Hexanone	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00			2.20E-02	2.30E-02	1.00E-01	2.30E-02	YES	4.3		no						exclude	exclude
2-Methylnaphthalene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		3.30E+02	2.02E-02		2.00E-01	3.30E+02	no	0.0		YES	exclude		exclude				exclude
2-Methylphenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00			1.20E-02	1.20E-02	2.00E-01	1.20E-02	YES	16.7		no						exclude	exclude
2-Nitroaniline	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
2-Nitrophenol	400	400	400	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00					4.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3- & 4-Methylphenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3,3-Dichlorobenzidine	400	400	400	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00					4.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
3-Nitroaniline	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4,6-Dinitro-2-methylphenol	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Bromophenyl phenyl ethe	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00			1.20E+00	1.20E+00	2.00E-01	1.20E+00	no	0.2		no	exclude		exclude			exclude	exclude
4-Chloro-3-methylphenol	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Chloroaniline	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Chlorophenyl phenyl ethe	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Chlorotoluene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Isopropyltoluene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Methyl-2-Pentanone	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00			1.60E+01	1.60E+01	1.00E-01	1.60E+01	no	0.0		no	exclude		exclude			exclude	exclude
4-Nitroaniline	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
4-Nitrophenol	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Acenaphthene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		3.30E+02	6.71E-03	8.90E-02	2.00E-01	8.90E-02	YES	2.2		YES							–
Acenaphthylene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		3.30E+02	5.87E-03	1.30E-01	2.00E-01	1.30E-01	YES	1.5		YES			exclude				exclude
Acetone	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		–	8.70E-03	9.10E-03	1.00E-01	9.10E-03	YES	11.0		no						exclude	exclude
Acrylonitrile	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00					2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Anthracene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00	1.00E+01	3.30E+02	2.70E-02	2.50E-01	2.00E-01	2.50E-01	no	0.8		YES	exclude		exclude				exclude
Aroclor 1016	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	7.00E-03	5.30E-01	1.00E-01	5.30E-01	no	0.2		YES	exclude		exclude				exclude
Aroclor 1221	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		6.70E+01	1.20E-01	1.20E-01	1.00E-01	1.20E-01	no	0.8		YES	exclude		exclude				exclude
Aroclor 1232	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	6.00E-01	6.00E-01	1.00E-01	6.00E-01	no	0.2		YES	exclude		exclude				exclude
Aroclor 1242	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	1.70E-01	2.90E+01	1.00E-01	2.90E+01	no	0.0		YES	exclude		exclude				exclude
Aroclor 1248	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	3.00E-02	1.00E+00	1.00E-01	1.00E+00	no	0.1		YES	exclude		exclude				exclude
Aroclor 1254	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	6.00E-02	7.20E+01	1.00E-01	7.20E+01	no	0.0		YES	exclude		exclude				exclude
Aroclor 1260	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00		3.30E+01	5.00E-03	6.30E+01	1.00E-01	6.30E+01	no	0.0		YES	exclude		exclude				exclude
Azobenzene	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00					9.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Benzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00			5.70E-02	1.60E-01	4.00E-02	1.60E-01	no	0.3		YES	exclude		exclude				exclude
Benzo(a)anthracene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00	1.57E+01	3.30E+02	3.17E-02	6.90E-01	2.00E-01	6.90E-01	no	0.3		YES	exclude		exclude				exclude
Benzo(a)pyrene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00	3.19E+01	3.30E+02	3.10E-02	3.94E-01	2.00E-01	3.94E-01	no	0.5		YES	exclude		exclude				exclude
Benzo(b)fluoranthene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00			2.72E-02	4.00E+00	2.00E-01	4.00E+00	no	0.1		YES	exclude		exclude				exclude
Benzo(g,h,i)perylene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00			1.70E-01	6.30E+00	2.00E-01	6.30E+00	no	0.0		YES	exclude		exclude				exclude
Benzo(k)fluoranthene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00	2.72E+01		2.40E-01	4.00E+00	2.00E-01	4.00E+00	no	0.1		YES	exclude		exclude				exclude
Benzoic acid	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00			6.50E-01		9.00E-01	6.50E-01	YES	1.4		no			exclude			exclude	exclude

TABLE 4-5 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary													Sediment Screen Values				Screen Calculation						Analyte Exclusion Tests						
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL		NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRP #9 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Maximum Background Value (mg/kg)	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if Max Result < Maximum Background	6 Exclude if analyte has no site history and was undetected	SUMMARY
Benzyl alcohol	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00				1.10E-03	1.10E-03	2.00E-01	1.10E-03	YES	181.8		no						exclude	exclude
Bis(2-chloroethoxy)methane	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-chloroethyl) ether	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-chloroisopropyl) ether	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bis(2-ethylhexyl) phthalate	400	400	400	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	400.00 - 400.00			1.62E+02	1.62E-01	2.70E+00	4.00E-01	2.70E+00	no	0.1		YES	exclude		exclude				exclude
Bromobenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromochloromethane	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromodichloromethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromoform	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Bromomethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Butyl benzyl phthalate	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00				1.10E-01		2.00E-01	1.10E-01	no	0.0		no	exclude		exclude			exclude	exclude
Carbon Disulfide	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				8.50E-04	8.50E-04	4.00E-02	8.50E-04	YES	46.5		no						exclude	exclude
Carbon Tetrachloride	100	100	100	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	100.00 - 100.00				4.70E-02	2.50E+00	1.00E-01	2.00E+00	no	0.1		no	exclude		exclude			exclude	exclude
Chlorobenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				4.10E-01	4.10E-01	4.00E-02	4.10E-01	no	0.1		no	exclude		exclude			exclude	exclude
Chloroethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Chloroform	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00				2.20E-02	9.80E-01	4.00E-02	9.80E-01	no	0.0		no	exclude		exclude			exclude	exclude
Chloromethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Chrysene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		2.58E+01	3.30E+02	5.71E-02	5.50E-01	2.00E-01	5.50E-01	no	0.2		YES	exclude		exclude				exclude
cis-1,2-Dichloroethene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
cis-1,3-Dichloropropene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dibenzo(a,h)anthracene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		1.69E+01	3.30E+02	6.22E-03	2.82E-02	2.00E-01	2.82E-02	YES	7.1		YES							
Dibenzofuran	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00				4.20E-01	4.20E-01	2.00E-01	4.20E-01	no	0.5		no	exclude		exclude			exclude	exclude
Dibromochloromethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dibromomethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Dichlorodifluoromethane	50	50	50	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	50.00 - 50.00						5.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Diethylphthalate	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00				6.10E-01	6.10E-01	2.00E-01	6.10E-01	no	0.3		YES	exclude		exclude				exclude
Dimethyl phthalate	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		YES		exclude					exclude
Di-n-butyl phthalate	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00				2.00E-01	2.40E+02	2.00E-01	2.40E+02	no	0.0		YES	exclude		exclude				exclude
Di-n-octyl phthalate	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Ethylbenzene	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00				8.90E-02	5.40E+00	4.00E-02	5.40E+00	no	0.0		YES	exclude		exclude				exclude
Fluoranthene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00		3.16E+01	3.30E+02	3.42E-02	8.34E-01	2.00E-01	8.34E-01	no	0.2		YES	exclude		exclude				exclude
Fluorene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00		1.06E+01	3.30E+02	2.12E-02	1.40E-01	2.00E-01	1.40E-01	YES	1.4		YES			exclude				exclude
Hexachlorobenzene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00				2.00E-02		2.00E-01	2.00E-02	YES	10.0		no						exclude	exclude
Hexachlorobutadiene	40	120	200	ug/Kg	GTSED-2	U	1.13E+02	1.28E+04	2	0 / 2	40.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Hexachlorocyclopentadiene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Hexachloroethane	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00				1.00E+00	1.00E+00	2.00E-01	1.00E+00	no	0.2		no	exclude		exclude			exclude	exclude
Indeno(1,2,3-cd)pyrene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00		1.75E+01		7.81E-02	8.37E-01	2.00E-01	8.37E-01	no	0.2		YES	exclude		exclude				exclude
Isophorone	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Isopropylbenzene	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
m,p-Xylene	100	100	100	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	100.00 - 100.00				2.50E-02	1.60E-01	1.00E-01	1.60E-01	no	0.6		YES	exclude		exclude				exclude
Methyl Tert Butyl Ether	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Methylene Chloride	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					1.80E+01	4.00E-02	1.80E+01	no	0.0		no	exclude		exclude			exclude	exclude
Naphthalene	30	116	200	ug/Kg	GTSED-2	U	1.22E+02	1.46E+04	2	0 / 2	30.00 - 200.00		1.47E+01	3.30E+02	3.28E-02	3.90E-01	2.00E-01	3.90E-01	no	0.5		YES	exclude		exclude				exclude
n-butylbenzene	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Nitrobenzene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
N-Nitrosodimethylamine	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
N-Nitrosodi-n-propylamine	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
N-Nitrosodiphenylamine	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00						2.00E-01	no screen value	unknown	no screen value		no		exclude				exclude	exclude
p-Isopropyltoluene	40	40	40	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
o-Xylene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00					1.90E-01	4.00E-02	1.90E-01	no	0.5		YES	exclude		exclude				exclude
Pentachlorophenol	900	900	900	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	900.00 - 900.00				2.00E+00		9.00E-01	2.00E+00	no	0.5		no	exclude		exclude			exclude	exclude
Phenanthrene	200	200	200	ug/Kg	GTSED-3	U	n/a	n/a	1	0 / 1	200.00 - 200.00		1.87E+01	3.30E+02	2.04E-01	5.40E-01	2.00E-01	5.40E-01	no	0.4		YES	exclude		exclude				exclude
Phenol	400	400	400	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00				3.10E-02	3.20E-02	4.00E-01	3.20E-02	YES	12.5		YES							-
Pyrene	200	200	200	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		4.43E+01	3.30E+02	1.99E-01	1.40E+00	2.00E-01	1.40E+00	no	0.1		YES	exclude		exclude				exclude
sec-Butylbenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Styrene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
tert-Butylbenzene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		YES		exclude					exclude
Tetrachloroethene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				4.10E-01	3.20E+00	4.00E-02	3.20E+00	no	0.0		no	exclude		exclude			exclude	exclude
Toluene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				5.00E-02	5.00E-02	4.00E-02	5.00E-02	no	0.8		YES	exclude		exclude				exclude
trans-1,2-Dichloroethene	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
trans-1,3-Dichloropropene	30	30	30	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	30.00 - 30.00						3.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Trichloroethene	50	50	50	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	50.00 - 50.00				2.20E-01	5.20E+01	5.00E-02	5.20E+01	no	0.0		no	exclude		exclude			exclude	exclude
Trichlorofluoromethane	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00						4.00E-02	no screen value	unknown	no screen value		no		exclude				exclude	exclude
Vinyl Acetate	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				8.40E-04	3.42E-04	4.00E-02	3.42E-04	YES	47.5		no						exclude	exclude
Vinyl Chloride	40	40	40	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	40.00 - 40.00				1.72E+00		4.00E-02	1.72E+00	no	0.0		no	exclude		exclude			exclude	exclude

Notes:

[1] NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
[2] USEPA. 2001. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecolbul.htm)
[3] WDEQ Fact Sheet 19, Technical Memo 3, Tables 1-4, 3 March 2005
[4] ORNL Preliminary Remediation Goals for Ecological Endpoints, August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
[5] Use ORNL otherwise EPA R4 otherwise the maximum NOAA SQuiRT or WDEQ.
[6] Analytes with a site history are considered to include all inorganics, derivatives from petroleum use (but not solvents used in petroleum processing) and PCBs.
[7] Defined here as Calcium, Magnesium, Sodium, Chloride, Potassium, Sulphate and Nitrate/Nitrite as N
[8] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated

TABLE 4-6 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon

Field Results Summary												Fresh (Surface) Water Screen Values				Screen Calculation					Analyte Exclusion Tests					
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/L)	EPA Region 4 [2] (mg/L)	WDEQ VRP #19 [3] (mg/L)	ORNL PRGs [4] (mg/L)	Maximum Result (mg/L)	Screen Value Used [5] (mg/L)	Maximum Result > Screen Value?	HQ	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	5 Exclude if analyte has no site history and was undetected	SUMMARY
Aluminum, total	0.03	0.3884444	12.4	mg/L	GTSW-7	—	1.46E+00	2.14E+00	90	72 / 90	0.03 - 0.30	8.70E+01	8.70E-02	7.50E-02	8.70E-02	1.34E+01	8.70E-02	YES	154.0	YES						—
Antimony, total	0.0002	0.0006344	0.0067	mg/L	GTSW-7	—	8.71E-04	7.59E-07	90	26 / 90	0.00 - 0.00	3.00E+01	1.60E+02	3.00E-02	3.00E-02	6.70E-03	3.00E-02	no	0.2	YES	exclude					exclude
Arsenic, total	0.0003	0.0025244	0.0223	mg/L	GTSW-7	—	4.21E-03	1.76E-05	90	60 / 90	0.00 - 0.00	1.50E+02	1.90E+02	5.00E-03	3.10E-03	2.23E-02	3.10E-03	YES	7.2	YES						—
Barium, total	0.003	0.0339333	0.068	mg/L	GTSW-9	—	1.59E-02	2.52E-04	90	60 / 90	0.00 - 0.01			3.90E-03	4.00E-03	6.50E-02	4.00E-03	YES	16.3	YES						—
Beryllium, total	0.002	0.0020889	0.004	mg/L	GTSW-3	U	4.14E-04	1.72E-07	90	0 / 90	0.00 - 0.00	5.30E+00	5.30E-01	5.30E-04	6.60E-04	4.00E-03	6.60E-04	YES	6.1	YES						—
Cadmium, total	0.005	0.0057667	0.029	mg/L	GTSW-7	—	3.16E-03	9.98E-06	90	8 / 90	0.01 - 0.01	1.10E+00	6.60E-01	1.30E-05	1.10E-03	2.90E-02	1.10E-03	YES	26.4	YES						—
Calcium, total	15	63.857627	91.6	mg/L	GTSW-4	—	1.65E+01	2.40E+02	59	59 / 59	0.20 - 0.40			1.16E+02		9.16E+01	1.16E+02	no	0.8	YES	exclude			exclude		exclude
Chloride	1	1.3012048	6	mg/L	GTSW-4	—	6.76E-01	4.57E-01	83	76 / 83	1.00 - 1.00		2.30E+05	2.30E+02		6.00E+00	2.30E+02	no	0.0	YES	exclude			exclude		exclude
Chromium, total	0.01	0.0227778	0.4	mg/L	GTSW-7	—	5.11E-02	2.61E-03	90	13 / 90	0.01 - 0.02	1.10E+01	1.10E+01		1.10E-03	4.00E-01	1.10E-03	YES	363.6	YES						—
Copper, total	0.01	0.0123333	0.1	mg/L	GTSW-4	U	1.12E-02	1.26E-04	90	7 / 90	0.01 - 0.10	9.00E+00	6.54E+00	2.05E-04	1.20E-02	1.00E-01	1.20E-02	YES	8.3	YES						—
Fluoride	0.1	1.960241	14.4	mg/L	GTSW-7	—	4.11E+00	1.69E+01	83	69 / 83	0.10 - 0.50			2.33E+02		1.44E+01	2.33E+02	no	0.1	YES	exclude					exclude
Iron, total	0.01	0.6718889	14.6	mg/L	GTSW-7	—	1.69E+00	2.84E+00	90	87 / 90	0.01 - 0.04	1.00E+03	1.00E+03	1.60E-02	1.00E+00	1.46E+01	1.00E+00	YES	14.6	YES						—
Lead, total	0.0001	0.00061	0.0111	mg/L	GTSW-7	—	1.39E-03	1.92E-06	90	41 / 90	0.00 - 0.00	2.50E+00	1.32E+00	1.00E-03	3.20E-03	1.11E-02	3.20E-03	YES	3.5	YES						—
Magnesium, total	2.8	15.025424	22.5	mg/L	GTSW-11	—	4.84E+00	2.35E+01	59	59 / 59	0.20 - 0.40			8.20E+01		2.25E+01	8.20E+01	no	0.3	YES	exclude			exclude		exclude
Manganese, total	0.005	0.0312	0.457	mg/L	GTSW-7	—	5.66E-02	3.20E-03	90	81 / 90	0.01 - 0.01			8.00E-02	1.20E-01	4.57E-01	1.20E-01	YES	3.8	YES						—
Mercury, total	0.0002	0.0002229	0.002	mg/L	GTSW-2	U	1.98E-04	3.91E-08	83	5 / 83	0.00 - 0.00	1.20E-02	1.20E-02	2.63E-06	1.30E-03	2.00E-03	1.30E-03	YES	1.5	YES			exclude			exclude
Molybdenum, total	0.01	0.0212222	0.54	mg/L	GTSW-7	—	5.67E-02	3.22E-03	90	22 / 90	0.01 - 0.10			7.30E-02	3.70E-01	5.40E-01	3.70E-01	YES	1.5	YES						—
Nickel, total	0.01	0.0138889	0.14	mg/L	GTSW-7	—	1.61E-02	2.60E-04	90	18 / 90	0.01 - 0.02	5.20E-01	8.77E+01	5.00E-03	1.60E-01	1.40E-01	1.60E-01	no	0.9	YES	exclude					exclude
Nitrate/Nitrite as N	0.02	0.3579518	8.2	mg/L	GTSW-5	—	1.24E+00	1.53E+00	83	39 / 83	0.02 - 0.10					8.20E+00	no screen value	unknown	no screen value	YES				exclude		exclude
Phosphorus, ortho dissolved	0	0.7189157	5.5	mg/L	GTSW-7	—	1.47E+00	2.16E+00	83	83 / 83	0.01 - 0.20			1.00E-04		5.50E+00	1.00E-04	YES	55000.0	YES				exclude		exclude
Potassium, total	0.5	2.440678	17	mg/L	GTSW-7	—	4.06E+00	1.65E+01	59	57 / 59	0.30 - 0.60			5.30E+01		1.70E+01	5.30E+01	no	0.3	YES	exclude			exclude		exclude
Selenium, total	0.001	0.0132111	0.066	mg/L	GTSW-5	—	1.21E-02	1.47E-04	90	86 / 90	0.00 - 0.00	5.00E+00	5.00E+00	3.90E-04	3.90E-04	6.60E-02	3.90E-04	YES	169.2	YES						—
Silver, total	0.00006	0.0001642	0.00349	mg/L	GTSW-7	—	4.39E-04	1.92E-07	90	22 / 90	0.00 - 0.00	1.20E-01	1.20E-02	1.20E-05	3.60E-04	3.49E-03	3.60E-04	YES	9.7	YES						—
Sodium, total	1	3.0169492	4.7	mg/L	GTSW-7	—	5.32E-01	2.84E-01	59	59 / 59	0.30 - 0.60			6.60E+02		4.70E+00	6.60E+02	no	0.0	YES	exclude			exclude		exclude
Sulfate	0.7	15.472289	32.4	mg/L	GTSW-5	—	7.05E+00	4.98E+01	83	82 / 83	0.50 - 5.00					3.24E+01	no screen value	unknown	no screen value	YES				exclude		exclude
Thallium, total	0.00005	0.0002316	0.0052	mg/L	GTSW-4	—	5.81E-04	3.38E-07	90	40 / 90	0.00 - 0.00	4.00E+01	4.00E+00	8.00E-04	9.00E-03	5.20E-03	9.00E-03	no	0.6	YES	exclude					exclude
Vanadium, total	0.005	0.0294333	0.548	mg/L	GTSW-7	—	7.24E-02	5.24E-03	90	38 / 90	0.01 - 0.01			1.90E-02	2.00E-02	5.48E-01	2.00E-02	YES	27.4	YES						—
Zinc, total	0.01	0.0378667	0.73	mg/L	GTSW-7	—	9.54E-02	9.10E-03	90	46 / 90	0.01 - 0.02	1.10E+02	5.89E+01	2.10E-02	1.10E-01	7.30E-01	1.10E-01	YES	6.6	YES						—
1,1,1,2-Tetrachloroethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
1,1,1-Trichloroethane	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00		5.28E+02	1.10E-02	1.10E-02	1.00E-02	1.10E-02	no	0.9	no	exclude		exclude		exclude	exclude
1,1,2,2-Tetrachloroethane	3	3	3	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	3.00 - 3.00		2.40E+02	2.40E-01	6.10E-01	3.00E-03	6.10E-01	no	0.0	no	exclude		exclude		exclude	exclude
1,1,2-Trichloroethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	9.40E+03	9.40E+02	9.40E-01	1.20E+00	4.00E-03	1.20E+00	no	0.0	no	exclude		exclude		exclude	exclude
1,1-Dichloroethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			4.70E-02	4.70E-02	4.00E-03	4.70E-02	no	0.1	no	exclude		exclude		exclude	exclude
1,1-Dichloroethene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		3.03E+02	2.50E-02	2.50E-02	4.00E-03	2.50E-02	no	0.2	no	exclude		exclude		exclude	exclude
1,1-Dichloropropene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00				5.50E-05	4.00E-03	5.50E-05	YES	72.7	no					exclude	exclude
1,2,3-Trichlorobenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			8.00E-03		4.00E-03	8.00E-03	no	0.5	no	exclude		exclude		exclude	exclude
1,2,3-Trichloropropane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
1,2,4-Trichlorobenzene	2	2.5	3	ug/L	GTSW-2	U	5.35E-01	2.86E-01	8	0 / 8	2.00 - 3.00	5.00E+01	4.49E+01	2.40E-02	1.10E-01	3.00E-03	1.10E-01	no	0.0	YES	exclude		exclude			exclude
1,2,4-Trimethylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
1,2-Dibromo-3-chloropropane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
1,2-Dibromoethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
1,2-Dichlorobenzene	2	3	4	ug/L	GTSW-2	U	1.07E+00	1.14E+00	8	0 / 8	2.00 - 4.00	7.63E+02	1.58E+01	7.00E-04	1.40E-02	4.00E-03	1.40E-02	no	0.3	no	exclude		exclude		exclude	exclude
1,2-Dichloroethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	2.00E+04	2.00E-03	1.00E-01	9.10E-01	4.00E-03	9.10E-01	no	0.0	no	exclude		exclude		exclude	exclude
1,2-Dichloropropane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		5.25E-02			4.00E-03	5.25E-01	no	0.0	no	exclude		exclude		exclude	exclude
1,3,5-Trimethylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
1,3-Dichlorobenzene	2	3	4	ug/L	GTSW-2	U	1.07E+00	1.14E+00	8	0 / 8	2.00 - 4.00		5.02E+01	5.02E-02	7.10E-02	4.00E-03	7.10E-02	no	0.1	no	exclude		exclude		exclude	exclude
1,3-Dichloropropane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			2.44E-01		4.00E-03	2.44E-01	no	0.0	no	exclude		exclude		exclude	exclude
1,4-Dichlorobenzene	2	3	4	ug/L	GTSW-2	U	1.07E+00	1.14E+00	8	0 / 8	2.00 - 4.00	7.63E+02	1.12E+01	1.12E-02	1.80E-02	4.00E-03	1.80E-02	no	0.3	no	exclude		exclude		exclude	exclude
2,2-Dichloropropane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
2,4,5-Trichlorophenol	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00	6.30E+01				9.00E-03	6.30E-02	no	0.1	no	exclude		exclude		exclude	exclude
2,4,6-Trichlorophenol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	9.70E+02	3.20E+00	3.20E-03		2.00E-03	3.20E-03	no	0.6	no	exclude		exclude		exclude	exclude
2,4-Dichlorophenol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.65E+02	3.65E+01	2.00E-04		2.00E-03	3.65E-02	no	0.1	no	exclude		exclude		exclude	exclude
2,4-Dimethylphenol	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		2.12E+01	2.12E-02		4.00E-03	2.12E-02	no	0.2	YES	exclude		exclude			exclude
2,4-Dinitrophenol	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00	1.50E+02	6.20E+00	6.20E-03		9.00E-03	6.20E-03	YES	1.5	no			exclude		exclude	exclude
2,4-Dinitrotoluene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	2.30E+02	3.10E+02	2.30E-02		2.00E-03	3.10E-01	no	0.0	no	exclude		exclude		exclude	exclude
2,6-Dinitrotoluene	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00			8.00E-02		9.00E-03	8.00E-02	no	0.2	no	exclude		exclude		exclude	exclude
2-Butanone	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			1.40E+01	1.40E+01	1.00E-02	1.40E+01	no	0.0	no	exclude		exclude		exclude	exclude
2-Chloroethyl vinyl ether	5	27.5	50	ug/L	GTSW-2	U	2.60E+01	6.75E+02	4	0 / 4	5.00 - 50.00			3.54E+00		5.00E-02	3.54E+00	no	0.0	no	exclude		exclude		exclude	exclude
2-Chloronaphthalene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
2-Chlorophenol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		4.38E+01	7.00E-03		2.00E-03	4.38E-02	no	0.0	no	exclude		exclude		exclude	exclude
2-Chlorotoluene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
2-Hexanone	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			9.90E-02	9.90E-02	1.00E-02	9.90E-02	no	0.1	no	exclude		exclude		exclude	exclude
2-Methylnaphthalene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
2-Methylphenol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.30E-02	1.30E-02	2.00E-03	1.30E-02	no	0.2	no	exclude		exclude		exclude	exclude
2-Nitroaniline	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00					9.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
2-Nitrophenol	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		3.50E+03	3.50E+00		4.00E-03	3.50E+00	no	0.0	no	exclude		exclude		exclude	exclude
3- & 4-Methylphenol	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
3,3-Dichlorobenzidine	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
3-Nitroaniline	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00					9.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4,6-Dinitro-2-methylphenol	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00		2.30E+00	2.30E-03		9.00E-03	2.30E-03	YES	3.9	no					exclude	exclude
4-Bromophenyl phenyl ether	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		1.22E+01	1.50E-03		2.00E-03	1.22E-02	no	0.2	no	exclude		exclude		exclude	exclude
4-Chloro-3-methylphenol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Chloroaniline	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Chlorophenyl phenyl ether	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Chlorotoluene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Isopropyltoluene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Methyl-2-Pentanone	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			1.70E-01	1.70E-01	1.00E-02	1.70E-01	no	0.1	no	exclude		exclude		exclude	exclude
4-Nitroaniline	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00					9.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
4-Nitrophenol	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00	1.50E+02	8.28E+01	8.28E-02	3.00E-01	9.00E-03	3.00E-01	no	0.0	no	exclude		exclude		exclude	exclude
Acenaphthene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	5.20E+02	1.70E+01	5.80E-03	2.30E-02	2.00E-03	2.30E-02	no	0.1	YES	exclude		exclude			exclude
Acenaphthylene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Acetone	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			1.50E+00	1.50E+00	1.00E-02	1.50E+00	no	0.0	no	exclude		exclude		exclude	exclude
Acrylonitrile	20	20	20	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	20.00 - 20.00	2.60E+03	7.55E+01	7.55E-02		2.00E-02	7.55E-02	no	0.3	no	exclude		exclude		exclude	exclude
Anthracene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.20E-05	7.30E-04	2.00E-03	7.30E-04	YES	2.7	YES						—
Aroclor 1016	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	2.30E-04	9.00E-04	2.30E-04	YES	3.9	YES						—
Aroclor 1221	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	2.80E-04	9.00E-04	2.80E-04	YES	3.2	YES						—
Aroclor 1232	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	5.80E-04	9.00E-04	5.80E-04	YES	1.6	YES			exclude			exclude
Aroclor 1242	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	4.70E-05	9.00E-04	4.70E-05	YES	19.1	YES						—
Aroclor 1248	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.91E-06	1.90E-06	9.00E-04	1.90E-06	YES	473.7	YES						—
Aroclor 1254	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.34E-06	1.90E-06	9.00E-04	1.90E-06	YES	473.7	YES						—
Aroclor 1260	0.9	0.9	0.9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	9.40E-02	9.00E-04	9.40E-02	no	0.0	YES	exclude		exclude			exclude
Azobenzene	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00					9.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Benzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		5.30E+01	2.10E-02	1.30E-01	4.00E-03	1.30E-01	no	0.0	YES	exclude		exclude			exclude

TABLE 4-6 TIER 1: INITIAL SCREENING OF CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN IN SURFACE WATER
Central Farmers Fertilizer Facility, Georgetown Canyon

	Field Results Summary											Fresh (Surface) Water Screen Values				Screen Calculation					Analyte Exclusion Tests					
Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [8]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/L)	EPA Region 4 [2] (mg/L)	WDEQ VRP #19 [3] (mg/L)	ORNL PRGs [4] (mg/L)	Maximum Result (mg/L)	Screen Value Used [5] (mg/L)	Maximum Result > Screen Value?	HQ	Does analyte have a history at the site? [6]	1 Exclude if Max Result < Screen Value	2 Exclude if analyte not detected and there is no screen value	3 Exclude if analyte not detected and MDL < x2 screen value	4 Exclude if analyte is a nutrient [7]	6 Exclude if analyte has no site history and was undetected	SUMMARY
Benzo(a)anthracene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.90E-05	2.70E-05	2.00E-03	2.70E-05	YES	74.1	YES						--
Benzo(a)pyrene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.40E-05	1.40E-05	2.00E-03	1.40E-05	YES	142.9	YES						--
Benzo(b)fluoranthene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Benzo(g,h,i)perylene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Benzo(k)fluoranthene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Benzoic acid	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00			4.20E-02	4.20E-02	9.00E-03	4.20E-02	no	0.2	no	exclude		exclude		exclude	exclude
Benzyl alcohol	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			8.60E-03	8.60E-03	2.00E-03	8.60E-03	no	0.2	no	exclude		exclude		exclude	exclude
Bis(2-chloroethoxy)methane	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Bis(2-chloroethyl) ether	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		2.58E+03	2.38E+00		2.00E-03	2.38E+00	no	0.0	no	exclude		exclude		exclude	exclude
Bis(2-chloroisopropyl) ether	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Bis(2-ethylhexyl) phthalate	2	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		3.00E-01	1.24E-04	1.20E-04	4.00E-03	1.20E-04	YES	33.3	YES						--
Bromobenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Bromochloromethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Bromodichloromethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Bromoform	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		2.93E+02			4.00E-03	2.93E+02	no	0.0	no	exclude		exclude		exclude	exclude
Bromomethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Butyl benzyl phthalate	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00	2.20E+01	1.90E-02	1.90E-02	2.00E-03	1.90E-02	no	0.1	no	exclude		exclude		exclude	exclude
Carbaryl	9	9	9	ug/L	GTSW-2	U	n/a	n/a	1	0 / 1	9.00 - 9.00			2.00E-04		9.00E-03	2.00E-04	YES	45.0	no					exclude	exclude
Carbon Disulfide	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			9.20E-04	9.20E-04	4.00E-03	9.20E-04	YES	4.3	no					exclude	exclude
Carbon Tetrachloride	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00		3.52E+02	9.80E-03	9.80E-03	1.00E-02	9.80E-03	YES	1.0	no			exclude		exclude	exclude
Chlorobenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	5.00E+01	1.95E+02	1.30E-03	6.40E-02	4.00E-03	6.40E-02	no	0.1	no	exclude		exclude		exclude	exclude
Chloroethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Chloroform	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	1.24E+03	2.89E+02	1.80E-03	2.80E-02	4.00E-03	2.80E-02	no	0.1	no	exclude		exclude		exclude	exclude
Chloromethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude				exclude
Chrysene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
cis-1,2-Dichloroethene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		2.44E+01			4.00E-03	2.44E-02	no	0.2	no	exclude		exclude		exclude	exclude
cis-1,3-Dichloropropene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	8	0 / 8	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Dibenzo(a,h)anthracene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			2.70E-05		2.00E-03	2.70E-05	YES	74.1	YES						--
Dibenzofuran	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			3.70E-03	3.70E-03	2.00E-03	3.70E-03	no	0.5	no	exclude		exclude		exclude	exclude
Dibromochloromethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Dibromomethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			9.81E-02		4.00E-03	9.81E-02	no	0.0	no	exclude		exclude		exclude	exclude
Dichlorodifluoromethane	5	5	5	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	5.00 - 5.00					5.00E-03	no screen value	unknown	no screen value	no		exclude			exclude	exclude
Diethylphthalate	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00	5.21E+02	3.00E-03		2.00E-03	5.21E-01	no	0.0	YES	exclude		exclude			exclude
Dimethyl phthalate	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00	3.50E+02	3.00E-03		2.00E-03	3.50E-01	no	0.0	YES	exclude		exclude			exclude
Di-n-butyl phthalate	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00	9.40E+00	3.00E-03	1.00E-03	2.00E-03	1.00E-03	YES	2.0	YES						--
Di-n-octyl phthalate	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00				2.00E-03	3.00E-03	no	0.7	no	exclude		exclude		exclude	exclude
Ethylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		4.53E+02	7.30E-03	7.30E-03	4.00E-03	7.30E-03	no	0.5	YES	exclude		exclude			exclude
Fluoranthene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		3.98E+01	4.00E-05	6.20E-03	2.00E-03	6.20E-03	no	0.3	YES	exclude		exclude			exclude
Fluorene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			3.00E-03	3.90E-03	2.00E-03	3.90E-03	no	0.5	YES	exclude		exclude			exclude
Hexachlorobenzene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.68E+00		3.68E-05		2.00E-03	3.68E-03	no	0.5	no	exclude		exclude		exclude	exclude
Hexachlorobutadiene	2	3	4	ug/L	GTSW-2	U	1.07E+00	1.14E+00	8	0 / 8	2.00 - 4.00	9.30E+00	9.30E+01	9.30E-04		4.00E-03	9.30E-04	YES	4.3	no					exclude	exclude
Hexachlorocyclopentadiene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	5.20E+00	7.00E-02	7.00E-05		2.00E-03	7.00E-05	YES	28.6	no					exclude	exclude
Hexachloroethane	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	5.40E+02	9.80E+00	9.80E-03		2.00E-03	9.80E-03	no	0.2	no	exclude		exclude		exclude	exclude
Indeno(1,2,3-cd)pyrene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Isophorone	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		1.17E+03	1.17E+00		2.00E-03	1.17E+00	no	0.0	no	exclude		exclude		exclude	exclude
Isopropylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
m,p-Xylene	10	10	10	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	10.00 - 10.00			1.30E-02	1.30E-01	1.00E-02	1.30E-01	no	0.1	YES	exclude		exclude			exclude
Methyl Tert Butyl Ether	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Methylene Chloride	4	4	4	ug/L	GTSW-2	J	0.00E+00	0.00E+00	4	1 / 4	4.00 - 4.00		1.93E+03		2.20E+00	4.00E-03	2.20E+00	no	0.0	no	exclude					exclude
Naphthalene	2	2.5	3	ug/L	GTSW-2	U	5.31E-01	2.86E-01	8	0 / 8	2.00 - 3.00	6.20E+02	6.20E+01	1.10E-03	1.20E-02	3.00E-03	1.20E-02	no	0.3	YES	exclude		exclude			exclude
n-Butylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Nitrobenzene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		2.70E+02	2.70E-01		2.00E-03	2.70E-01	no	0.0	no	exclude		exclude		exclude	exclude
N-Nitrosodimethylamine	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00					2.00E-03	no screen value	unknown	no screen value	no		exclude				exclude
N-Nitrosodi-n-dipropylamine	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			6.65E-02		2.00E-03	6.65E-02	no	0.0	no	exclude		exclude		exclude	exclude
N-Nitrosodiphenylamine	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00		5.85E+01		2.10E-01	2.00E-03	2.10E-01	no	0.0	no	exclude		exclude		exclude	exclude
n-Propylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
o-Xylene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00				1.30E-01	4.00E-03	1.30E-01	no	0.0	YES	exclude		exclude			exclude
Pentachlorophenol	9	9	9	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	9.00 - 9.00	1.30E+01	1.30E+01	1.81E-03		9.00E-03	1.30E-02	no	0.7	no	exclude		exclude		exclude	exclude
Phenanthrene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	6.30E+00		4.00E-04	6.30E-03	2.00E-03	6.30E-03	no	0.3	YES	exclude		exclude			exclude
Phenol	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	2.56E+03	2.56E+02	1.10E-01	1.10E-01	4.00E-03	1.10E-01	no	0.0	YES	exclude		exclude			exclude
Pyrene	2	2	2	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			2.60E-05		2.00E-03	2.50E-05	YES	80.0	YES						--
sec-Butylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Styrene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			7.20E-02		4.00E-03	7.20E-02	no	0.1	YES	exclude		exclude			exclude
tert-Butylbenzene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	YES		exclude				exclude
Tetrachloroethene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00	8.40E+02	8.40E+01	8.40E-02	9.80E-02	4.00E-03	9.80E-02	no	0.0	no	exclude		exclude		exclude	exclude
Toluene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.75E+02	2.00E-03	9.80E-03	4.00E-03	9.80E-03	no	0.4	YES	exclude		exclude			exclude
trans-1,2-Dichloroethene	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		1.53E+03			4.00E-03	1.53E+00	no	0.0	no	exclude		exclude		exclude	exclude
trans-1,3-Dichloropropene	3	3	3	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	3.00 - 3.00					3.00E-03	no screen value	unknown	no screen value	no		exclude				exclude
Trichloroethene	5	5	5	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	5.00 - 5.00	2.19E+04		4.70E-02	4.70E-01	5.00E-03	4.70E-01	no	0.0	no	exclude		exclude		exclude	exclude
Trichlorofluoromethane	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00					4.00E-03	no screen value	unknown	no screen value	no		exclude				exclude
Vinyl Acetate	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			1.60E-02	1.60E-02	4.00E-03	1.60E-02	no	0.3	no	exclude		exclude		exclude	exclude
Vinyl Chloride	4	4	4	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00			7.82E-01	7.82E-01	4.00E-03	7.82E-01	no	0.0	no	exclude		exclude		exclude	exclude

Notes
[1] NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
[2] USEPA. 2001. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecobul.htm)
[3] WDEQ Fact Sheet 19, Technical Memo 3, Tables 1-4, 3 March 2005
[4] ORNL Preliminary Remediation Goals for Ecological Endpoints, August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
[5] Use ORNL otherwise EPA R4 otherwise the maximum NOAA SQuiRT or WDEQ.
[6] Analytes with a site history are considered to include all inorganics, derivatives from petroleum use (but not solvents used in petroleum processing) and PCBs.
[7] Defined here as Calcium, Magnesium, Sodium, Chloride, Potassium, Sulphate, Nitrate/Nitrite as N and Phosphorus as Phosphate
[8] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated

TABLE 4-7 CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN RETAINED FOR FURTHER EVALUATION AFTER TIER 1 INITIAL SCREENING
Central Farmers Fertilizer Facility, Georgetown Canyon

Media	Field Results Summary												Screen Values				Screen Calculation				Does analyte have a history at the site? [6]
	Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [7]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRP #19 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	
Soil	Antimony	1.00E-01	1.90E+00	5.90E+00	mg/Kg	GTB-1 1-3	-	1.70E+00	2.90E+00	21	21 / 21	0.10 - 0.10		3.50E+00	5.00E-01	5.00E+00	5.90E+00	5.00E+00	YES	1.2	YES
	Arsenic	3.00E+00	6.96E+00	1.09E+01	mg/Kg	GTB-16 1-3	-	2.33E+00	5.42E+00	21	21 / 21	0.30 - 0.30		1.00E+01	2.50E-01	9.90E+00	1.09E+01	9.90E+00	YES	1.1	YES
	Cadmium	1.00E+00	1.41E+01	4.40E+01	mg/Kg	TB-12 2.0-4	-	1.32E+01	1.73E+02	21	21 / 21	0.50 - 5.00		1.60E+00	2.00E-01	4.00E+00	4.40E+01	4.00E+00	YES	11.0	YES
	Chromium	4.70E+01	2.29E+02	4.50E+02	mg/Kg	TB-12 2.0-4	-	1.48E+02	2.14E+04	21	21 / 21	1.00 - 10.00		4.00E-01	6.40E+01	4.00E-01	4.50E+02	4.00E-01	YES	1125.0	YES
	Copper	1.80E+01	4.55E+01	1.55E+02	mg/Kg	TB-10 3.0-5	-	3.37E+01	1.13E+03	21	21 / 21	1.00 - 10.00		4.00E+01	1.00E+00	6.00E+01	1.55E+02	6.00E+01	YES	2.6	YES
	Iron	5.72E+03	1.43E+04	2.75E+04	mg/Kg	GTB-5 1-3	-	5.90E+03	3.48E+07	21	21 / 21	1.00 - 10.00		2.00E+02	1.00E+01		2.75E+04	2.00E+02	YES	137.5	YES
	Lead	5.34E+00	4.38E+01	1.88E+02	mg/Kg	GTB-3 1-3	-	4.63E+01	2.14E+03	21	21 / 21	0.05 - 0.05		5.00E+01	4.60E+00	4.05E+01	1.88E+02	4.05E+01	YES	4.6	YES
	Mercury	4.00E-02	1.55E+00	2.92E+01	mg/Kg	TB-10 3.0-5	-	6.34E+00	4.02E+01	21	16 / 21	0.04 - 0.50		1.00E-01		5.10E-04	2.92E+01	5.10E-04	YES	57254.9	YES
	Molybdenum	1.00E+00	6.10E+00	1.20E+01	mg/Kg	GTB-15 1-3	-	3.85E+00	1.48E+01	21	17 / 21	1.00 - 10.00		2.00E+00	2.00E+00	2.00E+00	1.20E+01	2.00E+00	YES	6.0	YES
	Nickel	2.90E+01	5.08E+01	1.00E+02	mg/Kg	GTSO-6	-	2.23E+01	4.97E+02	21	21 / 21	1.00 - 10.00		3.00E+01	2.50E+01	3.00E+01	1.00E+02	3.00E+01	YES	3.3	YES
	Selenium	5.00E-01	7.34E+00	1.91E+01	mg/Kg	GTB-15 1-3	-	6.44E+00	4.15E+01	21	20 / 21	0.50 - 1.00		8.10E-01	2.00E-02	2.10E-01	1.91E+01	2.10E-01	YES	91.0	YES
	Silver	2.20E-01	4.25E+00	2.59E+01	mg/Kg	GTB-3 1-3	-	6.19E+00	3.83E+01	21	21 / 21	0.03 - 0.05		2.00E+00	2.00E+00	2.00E+00	2.59E+01	2.00E+00	YES	13.0	YES
	Thallium	2.50E-01	1.13E+00	7.30E+00	mg/Kg	GTB-1 1-3	-	1.56E+00	2.44E+00	21	21 / 21	0.03 - 0.05		1.00E+00	1.00E-02	1.00E+00	7.30E+00	1.00E+00	YES	7.3	YES
	Vanadium	4.07E+01	2.34E+02	5.54E+02	mg/Kg	TB-12 2.0-4	-	1.79E+02	3.19E+04	21	21 / 21	0.50 - 5.00		2.00E+00	2.00E+00	2.00E+00	5.54E+02	2.00E+00	YES	277.0	YES
	Zinc	1.34E+02	6.12E+02	3.15E+03	mg/Kg	GTB-1 1-3	-	8.24E+02	6.79E+05	21	21 / 21	1.00 - 10.00		5.00E+01	9.00E-01	8.50E+00	3.15E+03	8.50E+00	YES	370.6	YES
	1,2,4-Trimethylbenzene	4.00E+00	5.00E+00	8.00E+00	ug/Kg	GTSO-5	-	2.00E+00	4.00E+00	4	1 / 4	4.00 - 4.00					8.00E-03	no screen value	unknown	no screen value	no
	Aroclor 1260	3.00E+01	1.23E+02	6.20E+02	ug/Kg	GTB-8 1-3	-	2.20E+02	4.86E+04	7	2 / 7	30.00 - 30.00		2.00E-02			6.20E-01	2.00E-02	YES	31.0	YES
	Benzoic acid	3.00E+02	4.57E+02	7.00E+02	ug/Kg	GTSO-7	-	1.99E+02	3.95E+04	7	3 / 7	300.00 - 300.00					7.00E-01	no screen value	unknown	no screen value	no
	Di-n-octyl phthalate	7.00E+01	1.06E+02	2.00E+02	ug/Kg	GTSO-5	-	6.11E+01	3.73E+03	7	2 / 7	70.00 - 70.00					2.00E-01	no screen value	unknown	no screen value	no
	Methylene Chloride	4.00E+00	8.70E+01	1.85E+02	ug/Kg	GTSO-5	-	7.45E+01	5.55E+03	4	3 / 4	4.00 - 4.00					1.85E-01	no screen value	unknown	no screen value	no
Ore	Antimony	7.40E+00	7.70E+00	8.00E+00	mg/Kg	GTORE-2	-	3.00E-01	9.00E-02	3	3 / 3	0.10 - 0.10		3.50E+00	1.20E+01	5.00E+00	8	5.00E+00	YES	1.6	YES
	Arsenic	2.06E+01	2.11E+01	2.18E+01	mg/Kg	GTORE-3	-	6.11E-01	3.73E-01	3	3 / 3	0.30 - 0.30		1.00E+01	5.90E+00	9.90E+00	21.8	9.90E+00	YES	2.2	YES
	Cadmium	6.90E+01	8.73E+01	1.00E+02	mg/Kg	GTORE-3	-	1.63E+01	2.64E+02	3	3 / 3	5.00 - 5.00		1.60E+00	5.92E-01	4.00E+00	100	4.00E+00	YES	25.0	YES
	Chromium	1.02E+03	1.09E+03	1.16E+03	mg/Kg	GTORE-2	-	7.00E+01	4.90E+03	3	3 / 3	10.00 - 10.00		4.00E-01	2.60E+01	4.00E-01	1160	4.00E-01	YES	2900.0	YES
	Copper	1.10E+02	1.20E+02	1.30E+02	mg/Kg	GTORE-1	-	1.00E+01	1.00E+02	3	3 / 3	10.00 - 10.00		4.00E+01	1.60E+01	6.00E+01	130	6.00E+01	YES	2.2	YES
	Mercury	4.20E-01	5.00E-01	5.50E-01	mg/Kg	GTORE-2	-	7.00E-02	4.90E-03	3	3 / 3	0.04 - 0.04		1.00E-01		5.10E-04	0.55	5.10E-04	YES	1078.4	YES
	Molybdenum	3.00E+01	3.33E+01	4.00E+01	mg/Kg	GTORE-3	B	5.77E+00	3.33E+01	3	3 / 3	10.00 - 10.00		2.00E+00		2.00E+00	40	2.00E+00	YES	20.0	YES
	Nickel	1.90E+02	2.07E+02	2.20E+02	mg/Kg	GTORE-1	-	1.53E+01	2.33E+02	3	3 / 3	10.00 - 10.00		3.00E+01	1.59E+01	3.00E+01	220	3.00E+01	YES	7.3	YES
	Selenium	3.50E+01	3.67E+01	3.90E+01	mg/Kg	GTORE-2	-	2.08E+00	4.33E+00	3	3 / 3	1.00 - 1.00		8.10E-01	1.00E-01	2.10E-01	39	2.10E-01	YES	185.7	YES
	Silver	5.91E+00	6.42E+00	6.91E+00	mg/Kg	GTORE-2	-	5.00E-01	2.50E-01	3	3 / 3	0.03 - 0.03		2.00E+00	2.00E+00	2.00E+00	6.91	2.00E+00	YES	3.5	YES
	Thallium	2.16E+00	2.91E+00	3.60E+00	mg/Kg	GTORE-3	-	7.22E-01	5.21E-01	3	3 / 3	0.05 - 0.05		1.00E+00		1.00E+00	3.6	1.00E+00	YES	3.6	YES
	Uranium	6.67E+01	7.44E+01	8.18E+01	mg/Kg	GTORE-3	-	7.55E+00	5.71E+01	3	3 / 3	0.03 - 0.03		5.00E+00		5.00E+00	81.8	5.00E+00	YES	16.4	YES
	Vanadium	8.39E+02	1.06E+03	1.24E+03	mg/Kg	GTORE-3	-	2.04E+02	4.14E+04	3	3 / 3	5.00 - 5.00		2.00E+00		2.00E+00	1240	2.00E+00	YES	620.0	YES
	Zinc	1.08E+03	1.18E+03	1.27E+03	mg/Kg	GTORE-3	-	9.50E+01	9.03E+03	3	3 / 3	10.00 - 10.00		5.00E+01	1.20E+02	8.50E+00	1270	8.50E+00	YES	149.4	YES
Sediment	Cadmium	5.20E+00	1.83E+01	4.43E+01	mg/Kg	GTSED-4	-	1.77E+01	3.13E+02	4	4 / 4	0.50 - 0.50	5.83E+02	1.00E+00	5.92E-01	4.20E+00	4.43E+01	4.20E+00	YES	10.5	YES
	Chromium	1.39E+02	2.81E+02	6.06E+02	mg/Kg	GTSED-4	-	2.18E+02	4.75E+04	4	4 / 4	1.00 - 1.00	3.63E+04	5.23E+01	2.60E+01	1.59E+02	6.06E+02	1.59E+02	YES	3.8	YES
	Copper	2.90E+01	4.30E+01	8.10E+01	mg/Kg	GTSED-4	-	2.54E+01	6.43E+02	4	4 / 4	1.00 - 1.00	2.80E+04	1.87E+01	1.80E+01	7.77E+01	8.10E+01	7.77E+01	YES	1.0	YES
	Molybdenum	5.00E+00	1.05E+01	2.50E+01	mg/Kg	GTSED-4	-	9.68E+00	9.37E+01	4	4 / 4	1.00 - 1.00					2.50E+01	no screen value	unknown	no screen value	YES
	Nickel	4.60E+01	7.30E+01	1.39E+02	mg/Kg	GTSED-4	-	4.42E+01	1.95E+03	4	4 / 4	1.00 - 1.00	1.80E+04	1.59E+01	1.59E+01	3.85E+01	1.39E+02	3.85E+01	YES	3.6	YES
	Selenium	1.08E+01	1.90E+01	3.60E+01	mg/Kg	GTSED-4	-	1.15E+01	1.33E+02	4	4 / 4	0.50 - 1.00			1.00E-01		3.60E+01	1.00E-01	YES	360.0	YES
	Silver	1.13E+00	2.11E+00	4.45E+00	mg/Kg	GTSED-4	-	1.57E+00	2.45E+00	4	4 / 4	0.03 - 0.03		2.00E+00	2.00E+00	1.80E+00	4.45E+00	1.80E+00	YES	2.5	YES
	Thallium	4.10E-01	9.75E-01	1.94E+00	mg/Kg	GTSED-4	-	6.67E-01	4.46E-01	4	4 / 4	0.03 - 0.03					1.94E+00	no screen value	unknown	no screen value	YES
	Vanadium	1.14E+02	2.66E+02	6.08E+02	mg/Kg	GTSED-4	-	2.30E+02	5.29E+04	4	4 / 4	0.50 - 0.50					6.08E+02	no screen value	unknown	no screen value	YES
	Zinc	2.17E+02	4.26E+02	8.21E+02	mg/Kg	GTSED-4	-	2.69E+02	7.25E+04	4	4 / 4	1.00 - 1.00	9.60E+04	1.24E+02	1.20E+02	2.70E+02	8.21E+02	2.70E+02	YES	3.0	YES
	2,4-Dimethylphenol	4.00E+02	4.00E+02	4.00E+02	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00			2.90E-02		4.00E-01	2.90E-02	YES	13.8	YES
	Acenaphthene	2.00E+02	2.00E+02	2.00E+02	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00		3.30E+02	6.71E-03	8.90E-02	2.00E-01	8.90E-02	YES	2.2	YES
	Dibenzo(a,h)anthracene	2.00E+02	2.00E+02	2.00E+02	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	200.00 - 200.00	1.00E+01	3.30E+02	6.22E-03	2.82E-02	2.00E-01	2.82E-02	YES	7.1	YES
	Phenol	4.00E+02	4.00E+02	4.00E+02	ug/Kg	GTSED-2	U	n/a	n/a	1	0 / 1	400.00 - 400.00			3.10E-02	3.20E-02	4.00E-01	3.20E-02	YES	12.5	YES
	Aluminum	3.00E-02	3.66E-01	1.34E+01	mg/L	GTSW-7	-	1.46E+00	2.14E+00	90	72 / 90	0.03 - 0.30	8.70E+01	8.70E+01	7.50E-02	8.70E-02	1.34E+01	8.70E-02	YES	154.0	YES
	Arsenic	3.00E-04	2.52E-03	2.23E-02	mg/L	GTSW-7	-	4.21E-03	1.78E-05	90	60 / 90	0.00 - 0.00	1.50E+02	1.90E+02	5.00E-03	3.10E-03	2.23E-02	3.10E-03	YES	7.2	YES
	Barium	3.00E-03	3.39E-02	6.50E-02	mg/L	GTSW-9	-	1.59E-02	2.52E-04	90	80 / 90	0.00 - 0.01			3.90E-03	4.00E-03	6.50E-02	4.00E-03	YES	16.3	YES
	Beryllium	2.00E-03	2.09E-03	4.00E-03	mg/L	GTSW-3	U	4.14E-04	1.72E-07	90	0 / 90	0.00 - 0.00	5.30E+00	5.30E-01	5.30E-04	6.60E-04	4.00E-03	6.60E-04	YES	6.1	YES
	Cadmium	5.00E-03	5.77E-03	2.90E-02	mg/L	GTSW-7	-	3.16E-03	9.96E-06	90	8 / 90	0.01 - 0.01	1.10E+00	6.80E-01	1.30E-05	1.10E-03	2.90E-02	1.10E-03	YES	26.4	YES
	Chromium	1.00E-02	2.28E-02	4.00E-01	mg/L	GTSW-7	-	5.11E-02	2.61E-03	90	13 / 90	0.01 - 0.02	1.10E+01	1.10E+01		1.10E-03	4.00E-01	1.10E-03	YES	363.6	YES
	Copper	1.00E-02	1.23E-02	1.00E-01	mg/L	GTSW-4	U	1.12E-02	1.26E-04	90	7 / 90	0.01 - 0.10	9.00E+00	6.54E+00	2.05E-04	1.20E-02	1.00E-01	1.20E-02	YES	8.3	YES

TABLE 4-7 CHEMICALS OF POTENTIAL ECOLOGICAL CONCERN RETAINED FOR FURTHER EVALUATION AFTER TIER 1 INITIAL SCREENING
Central Farmers Fertilizer Facility, Georgetown Canyon

Media	Field Results Summary												Screen Values				Screen Calculation				
	Analyte	Min	Mean	Max	Units	Loc Max	Qualifier [7]	SD	VAR	# Samples	Det Freq	Range of MDL	NOAA SQuiRT [1] (ug/kg)	EPA Region 4 [2] (mg/kg)	WDEQ VRP #19 [3] (mg/kg)	ORNL PRGs [4] (mg/kg)	Maximum Result (mg/kg)	Screen Value Used [5] (mg/kg)	Maximum Result > Screen Value?	HQ	Does analyte have a history at the site? [6]
Surface Water [8]	Iron	1.00E-02	5.72E-01	1.45E+01	mg/L	GTSW-7	-	1.69E+00	2.84E+00	90	87 / 90	0.01 - 0.04	1.00E+03	1.00E+03	1.60E-02	1.00E+00	1.45E+01	1.00E+00	YES	14.5	YES
	Lead	1.00E-04	5.10E-04	1.11E-02	mg/L	GTSW-7	-	1.39E-03	1.92E-06	90	41 / 90	0.00 - 0.00	2.50E+00	1.32E+00	1.00E-03	3.20E-03	1.11E-02	3.20E-03	YES	3.5	YES
	Manganese	5.00E-03	3.12E-02	4.57E-01	mg/L	GTSW-7	-	5.65E-02	3.20E-03	90	81 / 90	0.01 - 0.01			8.00E-02	1.20E-01	4.57E-01	1.20E-01	YES	3.8	YES
	Molybdenum	1.00E-02	2.12E-02	5.40E-01	mg/L	GTSW-7	-	5.67E-02	3.22E-03	90	22 / 90	0.01 - 0.10			7.30E-02	3.70E-01	5.40E-01	3.70E-01	YES	1.5	YES
	Selenium	1.00E-03	1.32E-02	6.60E-02	mg/L	GTSW-5	-	1.21E-02	1.47E-04	90	86 / 90	0.00 - 0.00	5.00E+00	5.00E+00	3.90E-04	3.90E-04	6.60E-02	3.90E-04	YES	169.2	YES
	Silver	5.00E-05	1.64E-04	3.49E-03	mg/L	GTSW-7	-	4.39E-04	1.92E-07	90	22 / 90	0.00 - 0.00	1.20E-01	1.20E-02	1.20E-05	3.60E-04	3.49E-03	3.60E-04	YES	9.7	YES
	Vanadium	5.00E-03	2.94E-02	5.48E-01	mg/L	GTSW-7	-	7.24E-02	5.24E-03	90	38 / 90	0.01 - 0.01			1.90E-02	2.00E-02	5.48E-01	2.00E-02	YES	27.4	YES
	Zinc	1.00E-02	3.77E-02	7.30E-01	mg/L	GTSW-7	-	9.54E-02	9.10E-03	90	46 / 90	0.01 - 0.02	1.10E+02	5.89E+01	2.10E-02	1.10E-01	7.30E-01	1.10E-01	YES	6.6	YES
	Anthracene	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.20E-05	7.30E-04	2.00E-03	7.30E-04	YES	2.7	YES
	Aroclor 1016	9.00E-01	9.00E-01	9.00E-01	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	2.30E-04	9.00E-04	2.30E-04	YES	3.9	YES
	Aroclor 1221	9.00E-01	9.00E-01	9.00E-01	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	2.80E-04	9.00E-04	2.80E-04	YES	3.2	YES
	Aroclor 1242	9.00E-01	9.00E-01	9.00E-01	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.40E-05	4.70E-05	9.00E-04	4.70E-05	YES	19.1	YES
	Aroclor 1248	9.00E-01	9.00E-01	9.00E-01	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.91E-06	1.90E-06	9.00E-04	1.90E-06	YES	473.7	YES
	Aroclor 1254	9.00E-01	9.00E-01	9.00E-01	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	0.90 - 0.90		1.40E-02	1.34E-06	1.90E-06	9.00E-04	1.90E-06	YES	473.7	YES
	Benzo(a)anthracene	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.80E-05	2.70E-05	2.00E-03	2.70E-05	YES	74.1	YES
	Benzo(a)pyrene	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			1.40E-05	1.40E-05	2.00E-03	1.40E-05	YES	142.9	YES
	Bis(2-ethylhexyl) phthalate	4.00E+00	4.00E+00	4.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	4.00 - 4.00		3.00E-01	1.24E-04	1.20E-04	4.00E-03	1.20E-04	YES	33.3	YES
	Dibenzo(a,h)anthracene	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			2.70E-05		2.00E-03	2.70E-05	YES	74.1	YES
	Di-n-butyl phthalate	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00	3.00E+00	9.40E+00	3.00E-03	1.00E-03	2.00E-03	1.00E-03	YES	2.0	YES
	Pyrene	2.00E+00	2.00E+00	2.00E+00	ug/L	GTSW-2	U	0.00E+00	0.00E+00	4	0 / 4	2.00 - 2.00			2.50E-05		2.00E-03	2.50E-05	YES	80.0	YES

Notes:
[1] NOAA Screening Quick Reference Tables, September 1999 (http://response.restoration.noaa.gov/book_shelf/122_squirt_cards.pdf)
[2] USEPA. 2001. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Originally published November 1995. Website version last updated November 30, 2001 (http://www.epa.gov/region4/waste/ots/ecolbul.htm)
[3] WDEQ Fact Sheet 19, Technical Memo 3, Tables 1-4, 3 March 2005
[4] ORNL Preliminary Remediation Goals for Ecological Endpoints, August 1997 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm162r2.pdf)
[5] Use ORNL otherwise EPA R4 otherwise the maximum NOAA SQuiRT or WDEQ.
[6] Analytes with a site history are considered to include all inorganics, derivatives from petroleum use (but not solvents used in petroeum processing) and PCBs.
[7] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated
[8] Screening value units for surface water are mg/L except NOAA SQuiRT in ug/L

TABLE 4-8 SUMMARY OF ANALYTES REMAINING AFTER TIER 1 SCREENING
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Media [1]												Analyte undetected in all media?
		Soil			Ore			Sediment			Surface Water			
		Qualifier [2]	HQ	TIER 1 Result	Qualifier [2]	HQ	TIER 1 Result	Qualifier [2]	HQ	TIER 1 Result	Qualifier [2]	HQ	TIER 1 Result	
1	Aluminum	-	--n/c--	exclude	-	--n/c--	exclude	-	--n/c--	exclude	-	154.0	--	NO
2	Antimony	-	1.2	--	-	1.6	--	-	0.4	exclude	-	0.2	exclude	NO
3	Arsenic	-	1.1	--	-	2.2	--	-	0.4	exclude	-	7.2	--	NO
4	Barium	-	0.7	exclude	-	0.3	exclude	-	7.6	exclude	-	16.3	--	NO
5	Beryllium	B	0.3	exclude	U	0.2	exclude	B	no screen value	exclude	U	6.1	--	NO
6	Cadmium	-	11.0	--	-	25.0	--	-	10.5	--	-	26.4	--	NO
7	Chromium	-	1125.0	--	-	2900.0	--	-	3.8	--	-	363.6	--	NO
8	Copper	-	2.6	--	-	2.2	--	-	1.0	--	U	8.3	--	NO
9	Iron	-	137.5	--	-	69.0	exclude	-	0.8	exclude	-	14.5	--	NO
10	Lead	-	4.6	--	-	0.4	exclude	-	0.1	exclude	-	3.5	--	NO
11	Manganese	-	15.4	exclude	-	2.8	exclude	-	1.3	exclude	-	3.8	--	NO
12	Mercury	-	57254.9	--	-	1078.4	--	-	0.4	exclude	U	1.5	exclude	NO
13	Molybdenum	-	6.0	--	B	20.0	--	-	no screen value	--	-	1.5	--	NO
14	Nickel	-	3.3	--	-	7.3	--	-	3.6	--	-	0.9	exclude	NO
15	Selenium	-	91.0	--	-	185.7	--	-	360.0	--	-	169.2	--	NO
16	Silver	-	13.0	--	-	3.5	--	-	2.5	--	-	9.7	--	NO
17	Thallium	-	7.3	--	-	3.6	--	-	no screen value	--	-	0.6	exclude	NO
18	Uranium	--n/s--	--n/s--	--n/s--	-	16.4	--	--n/s--	--n/s--	--n/s--	n/s	n/s	n/s	NO
19	Vanadium	-	277.0	--	-	620.0	--	-	no screen value	--	-	27.4	--	NO
20	Zinc	-	370.6	--	-	149.4	--	-	3.0	--	-	6.6	--	NO
21	1,2,4-Trimethylbenzene	-	no screen value	--	--n/a--	--n/a--	--n/a--	U	no screen value	exclude	U	no screen value	exclude	NO
22	2,4-Dimethylphenol	U	0.0	exclude	--n/a--	--n/a--	--n/a--	U	13.8	--	U	0.2	exclude	YES
23	Acenaphthene	U	0.0	exclude	--n/a--	--n/a--	--n/a--	U	2.2	--	U	0.1	exclude	YES
24	Anthracene	U	0.7	exclude	--n/a--	--n/a--	--n/a--	U	0.8	exclude	U	2.7	--	YES
25	Aroclor 1016	U	1.5	exclude	--n/a--	--n/a--	--n/a--	U	0.2	exclude	U	3.9	--	YES
26	Aroclor 1221	U	1.5	exclude	--n/a--	--n/a--	--n/a--	U	0.8	exclude	U	3.2	--	YES
27	Aroclor 1242	U	1.5	exclude	--n/a--	--n/a--	--n/a--	U	0.0	exclude	U	19.1	--	YES
28	Aroclor 1248	U	1.5	exclude	--n/a--	--n/a--	--n/a--	U	0.1	exclude	U	473.7	--	YES
29	Aroclor 1254	U	1.5	exclude	--n/a--	--n/a--	--n/a--	U	0.0	exclude	U	473.7	--	YES
30	Aroclor 1260	-	31.0	--	--n/a--	--n/a--	--n/a--	U	0.0	exclude	U	0.0	exclude	NO
31	Benzo(a)anthracene	U	0.0	exclude	--n/a--	--n/a--	--n/a--	U	0.3	exclude	U	74.1	--	YES
32	Benzo(a)pyrene	U	0.7	exclude	--n/a--	--n/a--	--n/a--	U	0.5	exclude	U	142.9	--	YES
33	Benzoic acid	-	no screen value	--	--n/a--	--n/a--	--n/a--	U	1.4	exclude	U	0.2	exclude	NO
34	Bis(2-ethylhexyl) phthalate	U	0.1	exclude	--n/a--	--n/a--	--n/a--	U	0.1	exclude	U	33.3	--	YES
35	Dibenzo(a,h)anthracene	U	no screen value	exclude	--n/a--	--n/a--	--n/a--	U	7.1	--	U	74.1	--	YES
36	Di-n-butyl phthalate	U	0.0	exclude	--n/a--	--n/a--	--n/a--	U	0.0	exclude	U	2.0	--	YES
37	Di-n-octyl phthalate	-	no screen value	--	--n/a--	--n/a--	--n/a--	U	no screen value	exclude	U	0.7	exclude	NO
38	Methylene Chloride	-	no screen value	--	--n/a--	--n/a--	--n/a--	U	0.0	exclude	J	0.0	exclude	NO
39	Phenol	U	0.0	exclude	--n/a--	--n/a--	--n/a--	U	12.5	--	U	0.0	exclude	YES
40	Pyrene	U	0.7	exclude	--n/a--	--n/a--	--n/a--	U	0.1	exclude	U	80.0	--	YES

Notes:

[1] --n/a-- Not applicable. No organics sampled in ore stockpile
--n/c-- Not calculated. Aluminum not a COPEC in soil, ore, or sediment
--n/s-- No uranium samples were taken outside of the ore stockpile

[2] Qualifier definitions are as follows:
Inorganic compounds - U = analyte not detected above reporting limit, B = analyte was detected at a concentration between minimum detection limit and reporting limit, J = concentration is estimated
Organic compounds - U = analyte not detected above reporting limit, B = analyte was detected in an associated blank, J = concentration is estimated

TABLE 4-9 TIER 2: SPECIFIC RECEPTOR GUILD SPECIES AND INGEST PATHWAYS EVALUATED
Central Farmers Fertilizer Facility, Georgetown Canyon

		Feeding Guild	Representative Receptor	Soil	Plants [2]	Invertebrates [2]	Small Mammals [2]	Small Birds [2]	Riparian Soil	Riparian Plants [3]	Riparian Invertebrates [3]	Sediment	Aquatic Plants [4]	Benthic Invertebrates [4]	Surface Water	Aquatic Invertebrates [5]	Fish [5]
Food Web Ecosystem	Terrestrial	Terrestrial Plants	< assessed indirectly >														
		Terrestrial Invertebrates	< assessed indirectly >														
		Terrestrial Herbivorous Birds	Chipping Sparrow [1]	X	X	X											
		Terrestrial Herbivorous Mammals	Eastern Cottontail	X	X												
		Terrestrial Omnivorous Birds	American Robin	X	X	X											
		Terrestrial Omnivorous Mammals	Deer Mouse	X	X	X											
		Reptiles	< assessed indirectly >														
		Terrestrial Carnivorous Mammals	< assessed indirectly >														
		Terrestrial Carnivorous Birds	< assessed indirectly >														
	Aquatic / Riparian	Phytoplankton and Aquatic Macrophytes	< assessed indirectly >														
		Zooplankton and Benthic Invertebrates	< assessed indirectly >														
		Aquatic and Riparian Herbivorous Birds	Song Sparrow						X	X							
		Benthic Fish	< assessed indirectly >														
		Riparian Carnivorous Bird	Spotted Sandpiper						X	X	X						
		Aquatic and Riparian Benthic-feeding Birds	Mallard									X	X	X	X		
		Aquatic and Riparian Omnivorous Mammals	Raccoon							X		X	X		X	X	X
		Fish	< assessed indirectly >														
		Amphibians	< assessed indirectly >														
	Tertiary	Carnivorous Mammals	Coyote	X	X		X								X		
		Raptors	Red-Tailed Hawk	X		X	X	X							X		

Notes:

[1] The Northern Bobwhite is used in daily dose equations as a surrogate for the Chippping Sparrow

[2] Analyte concentration calculated from soil concentration using a bioaccumulation factor (BAF)

[3] Analyte concentration calculated from riparian soil concentration using a bioaccumulation factor (BAF)

[4] Analyte concentration calculated from sediment concentration using a bioaccumulation factor (BAF)

[5] Analyte concentration calculated from surface water concentration using a bioaccumulation factor (BAF)

TABLE 4-10 ASSESSMENT ENDPOINTS AND ASSOCIATED RECEPTORS
Central Farmers Fertilizer Facility, Georgetown Canyon

Guild	Receptor	Endpoints
		Terrestrial Ecosystem
1° Consumers – Terrestrial, Herbivorous Birds	Northern Bobwhite - *Colinus virginianus*	Protection of terrestrial, herbivorous birds that may ingest contaminated plants and surface water and incidental ingestion of associated soil from potentially lethal, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities
1° Consumers – Terrestrial, Herbivorous Mammals	Eastern Cottontail - *Sylvilagus floridanus*	Protection of terrestrial, herbivorous mammals that may ingest contaminated plants and surface water and incidental ingestion of associated soil from potentially systemic or general toxic effects of metals resulting from phosphate mining activities
2° Consumers – Terrestrial, Omnivorous Birds	American Robin – *Turdus migratorius*	Protection of terrestrial, omnivorous birds that may ingest contaminated food and surface water and associated soil or sediment from potentially lethal, mutagenic, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities
2° Consumers – Terrestrial, Omnivorous Mammals	Deer Mouse – *Peromyscus maniculatus*	Protection of terrestrial, omnivorous mammals that may ingest contaminated plants, prey, and surface water and incidental ingestion of associated soil and sediment from potentially systemic or general toxic effects of metals resulting from phosphate mining activities
		Aquatic and Riparian Ecosystem
1° Consumers – Aquatic and Riparian, Herbivorous Birds	Song Sparrow – *Melospiza melodia*	Protection of aquatic and riparian, herbivorous birds that may ingest contaminated plant food and incidental ingestion of associated soil, sediment, or surface water from potentially lethal, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities
1° Consumers – Aquatic and Riparian, Carnivorous Birds	Spotted Sandpiper – *Actitis macularia*	Protection of aquatic and riparian, carnivorous birds that may ingest contaminated prey and incidental ingestion of associated soil, sediment, or surface water from potentially lethal, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities
2° Consumers – Aquatic and Riparian, Benthic-feeding Birds	Mallard – *Anas platyrhynchas*	Protection of aquatic and riparian, benthic - feeding birds that may ingest contaminated food and associated sediment or water from potentially lethal, mutagenic, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities
2° Consumers – Fish	Rainbow trout – *Oncorhynchus mykiss*	Protection of fish from contaminated food and associated sediments and water from potentially lethal, mutagenic, reproductive, systemic , or general toxic effects of metals resulting from phosphate mining activities
2° Consumers – Aquatic and Riparian, Omnivorous Mammals	Raccoon – *Procyon lotor*	Protection of aquatic and riparian, omnivorous mammals that may ingest contaminated plant food, fish and aquatic invertebrates, and incidental ingestion of associated soil, sediment, or water from potentially systemic or general toxic effects of metals resulting from phosphate mining activities
		Tertiary Consumers
3° Consumers – Carnivorous Mammals	Coyote – *Canis latrans*	Protection of carnivorous mammals that may ingest contaminated prey and incidental ingestion of associated soil, sediment, or water from potentially systemic or general toxic effects of metals resulting from phosphate mining activities
3° Consumers – Raptors	Red Tailed Hawk – *Buteo jamaicensis*	Protection of raptors that may ingest contaminated food and associated soil, sediment, or water from potentially lethal, mutagenic, reproductive, systemic, or general toxic effects of metals resulting from phosphate mining activities

TABLE 4-11 TIER 2: DATA ADEQUACY TABLE FOR SOIL AND SURFACE WATER SAMPLE RESULTS
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Media	Min	Mean	Max	Units	Loc Max	Qualifier	SD	VAR	# Samples	Det Freq	Range of MDL	Distribution	95% UCL
1	Antimony		0.1	1.90	5.9	mg/kg	GTB-1 1-3	-	1.70E+00	2.90E+00	21	21 / 21	0.10 - 0.10	Approximate Gamma UCL	2.85
2	Arsenic		3	6.96	10.9	mg/kg	GTB-16 1-3	-	2.33E+00	5.42E+00	21	21 / 21	0.30 - 0.30	Student's-t UCL	7.84
3	Barium		59.7	105.24	191	mg/kg	GTB-12 2.0-4.0	-	3.17E+01	1.00E+03	21	21 / 21	0.30 - 3.00	Approximate Gamma UCL	117.46
4	Beryllium		0.4	1.14	3	mg/kg	GTB-12 2.0-4.0	B	6.64E-01	4.41E-01	21	18 / 21	0.20 - 2.00	95% H-UCL	1.43
5	Cadmium		1	14.09	44	mg/kg	GTB-12 2.0-4.0	-	1.32E+01	1.73E+02	21	21 / 21	0.50 - 5.00	Approximate Gamma UCL	20.96
6	Chromium		47	229.14	450	mg/kg	GTB-12 2.0-4.0	-	1.46E+02	2.14E+04	21	21 / 21	1.00 - 10.00	95% Approximate Gamma UCL	307.27
7	Copper		18	45.52	155	mg/kg	GTB-10 3.0-5.0	-	3.37E+01	1.13E+03	21	21 / 21	1.00 - 10.00	Approximate Gamma UCL	57.58
8	Iron		5720	14340.48	27500	mg/kg	GTB-5 1-3	-	5.90E+03	3.48E+07	21	21 / 21	1.00 - 10.00	Student's-t UCL	16559.52
9	Lead		5.34	43.80	188	mg/kg	GTB-3 1-3	-	4.63E+01	2.14E+03	21	21 / 21	0.05 - 0.05	95% H-UCL	78.70
10	Manganese		191	729.43	1540	mg/kg	GTB-6 1-3	-	4.58E+02	2.10E+05	21	21 / 21	0.50 - 5.00	Approximate Gamma UCL	937.73
11	Mercury		0.04	1.55	29.2	mg/kg	GTB-10 3.0-5.0	-	6.34E+00	4.02E+01	21	16 / 21	0.04 - 0.50	99% Chebyshev (Mean, Sd) UCL	15.31
12	Molybdenum		1	6.10	12	mg/kg	GTB-15 1-3	-	3.85E+00	1.48E+01	21	17 / 21	1.00 - 10.00	Approximate Gamma UCL	8.08
13	Nickel		29	50.76	100	mg/kg	GTSO-6	-	2.23E+01	4.97E+02	21	21 / 21	1.00 - 10.00	Approximate Gamma UCL	59.76
14	Selenium		0.5	7.34	19.1	mg/kg	GTB-15 1-3	-	6.44E+00	4.15E+01	21	20 / 21	0.50 - 1.00	Approximate Gamma UCL	10.78
15	Silver		0.22	4.25	25.9	mg/kg	GTB-3 1-3	-	6.19E+00	3.83E+01	21	21 / 21	0.03 - 0.05	Approximate Gamma UCL	7.09
16	Thallium		0.25	1.13	7.3	mg/kg	GTB-1 1-3	-	1.56E+00	2.44E+00	21	21 / 21	0.03 - 0.05	95% H-UCL	1.62
17	Uranium [1]										--n/a--				
18	Vanadium		40.7	234.05	554	mg/kg	GTB-12 2.0-4.0	-	1.79E+02	3.19E+04	21	21 / 21	0.50 - 5.00	Approximate Gamma UCL	327.76
19	Zinc		134	611.62	3150	mg/kg	GTB-1 1-3	-	8.24E+02	6.79E+05	21	21 / 21	1.00 - 10.00	95% Chebyshev (Mean, Sd) UCL	1395.17
1	Aluminum	Surface Water	0.03	0.37	13.4	mg/L	GTSW-7	-	1.46E+00	2.14E+00	90	72 / 90	0.03 - 0.30	97.5% Chebyshev (Mean, Sd) UCL	1.33
2	Antimony		0.0002	0.00	0.0067	mg/L	GTSW-7	-	8.71E-04	7.59E-07	90	26 / 90	0.00 - 0.00	95% Chebyshev (Mean, Sd) UCL	0.00
3	Arsenic		0.0003	0.00	0.0223	mg/L	GTSW-7	-	4.21E-03	1.78E-05	90	60 / 90	0.00 - 0.00	97.5% Chebyshev (Mean, Sd) UCL	0.01
4	Barium		0.003	0.03	0.065	mg/L	GTSW-9	-	1.59E-02	2.52E-04	90	80 / 90	0.00 - 0.01	95% Chebyshev (Mean, Sd) UCL	0.04
5	Beryllium		0.002	0.00	0.004	mg/L	GTSW-3	U	4.14E-04	1.72E-07	90	0 / 90	0.00 - 0.00	Modified t-UCL	0.00
6	Cadmium		0.005	0.01	0.029	mg/L	GTSW-7	-	3.16E-03	9.96E-06	90	8 / 90	0.01 - 0.01	Modified t-UCL	0.01
7	Chromium		0.01	0.02	0.4	mg/L	GTSW-7	-	5.11E-02	2.61E-03	90	13 / 90	0.01 - 0.02	95% Chebyshev (Mean, Sd) UCL	0.05
8	Copper		0.01	0.01	0.1	mg/L	GTSW-4	U	1.12E-02	1.26E-04	90	7 / 90	0.01 - 0.10	Modified t-UCL	0.01
9	Iron		0.01	0.57	14.5	mg/L	GTSW-7	-	1.69E+00	2.84E+00	90	87 / 90	0.01 - 0.04	97.5% Chebyshev (Mean, Sd) UCL	1.68
10	Lead		0.0001	0.00	0.0111	mg/L	GTSW-7	-	1.39E-03	1.92E-06	90	41 / 90	0.00 - 0.00	97.5% Chebyshev (Mean, Sd) UCL	0.00
11	Manganese		2.8	15.03	22.5	mg/L	GTSW-11	-	4.84E+00	2.35E+01	59	59 / 59	0.20 - 0.40	95% Chebyshev (Mean, Sd) UCL	0.06
12	Mercury		0.0002	0.00	0.002	mg/L	GTSW-2	U	1.98E-04	3.91E-08	83	5 / 83	0.00 - 0.00	Modified t-UCL	0.00
13	Molybdenum		0.01	0.02	0.54	mg/L	GTSW-7	-	5.67E-02	3.22E-03	90	22 / 90	0.01 - 0.10	95% Chebyshev (Mean, Sd) UCL	0.05
14	Nickel		0.01	0.01	0.14	mg/L	GTSW-7	-	1.61E-02	2.60E-04	90	18 / 90	0.01 - 0.02	Modified t-UCL	0.02
15	Selenium		0.001	0.01	0.066	mg/L	GTSW-5	-	1.21E-02	1.47E-04	90	86 / 90	0.00 - 0.00	95% H-UCL	0.02
16	Silver		0.00005	0.00	0.00349	mg/L	GTSW-7	-	4.39E-04	1.92E-07	90	22 / 90	0.00 - 0.00	95% Chebyshev (Mean, Sd) UCL	0.00
17	Thallium		0.00005	0.00	0.0052	mg/L	GTSW-4	-	5.81E-04	3.38E-07	90	40 / 90	0.00 - 0.00	95% Chebyshev (Mean, Sd) UCL	0.00
18	Uranium		--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a-- / --n/a--	--n/a-- - --n/a--	--n/a--	--n/a--
19	Vanadium		0.005	0.03	0.548	mg/L	GTSW-7	-	7.24E-02	5.24E-03	90	38 / 90	0.01 - 0.01	97.5% Chebyshev (Mean, Sd) UCL	0.08
20	Zinc		0.01	0.04	0.73	mg/L	GTSW-7	-	9.54E-02	9.10E-03	90	46 / 90	0.01 - 0.02	95% Chebyshev (Mean, Sd) UCL	0.08

Notes:
[1] Uranium was only sampled in the ore stockpile

TABLE 4-12 TIER 2: SUMMARY OF MEDIA CONCENTRATIONS USED FOR TIER 2 DAILY DOSE CALCULATION
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Soil 95% UCL (mg/kg) [1]	Ore maximum (mg/kg) [2]	Sediment maximum (mg/kg) [3]	Surface Water 95% UCL (mg/L) [1]
1	Aluminum	--n/c--	--n/c--	--n/c--	1.33E+00
2	Antimony	2.85E+00	8.00E+00	4.80E+00	1.04E-03
3	Arsenic	7.84E+00	2.18E+01	1.82E+01	5.30E-03
4	Barium	1.17E+02	8.00E+01	1.52E+02	4.12E-02
5	Beryllium	1.43E+00	2.00E+00	9.00E-01	2.17E-03
6	Cadmium	2.10E+01	1.00E+02	4.43E+01	6.35E-03
7	Chromium	3.07E+02	1.16E+03	6.06E+02	4.63E-02
8	Copper	5.76E+01	1.30E+02	8.10E+01	1.44E-02
9	Iron	1.66E+04	1.38E+04	1.60E+04	1.68E+00
10	Lead	7.87E+01	1.45E+01	1.36E+01	1.42E-03
11	Manganese	9.38E+02	2.75E+02	7.88E+02	5.72E-02
12	Mercury	1.53E+01	5.50E-01	2.80E-01	2.63E-04
13	Molybdenum	8.08E+00	4.00E+01	2.50E+01	4.73E-02
14	Nickel	5.98E+01	2.20E+02	1.39E+02	1.69E-02
15	Selenium	1.08E+01	3.90E+01	3.60E+01	1.65E-02
16	Silver	7.09E+00	6.91E+00	4.45E+00	3.66E-04
17	Thallium	1.62E+00	3.60E+00	1.94E+00	4.99E-04
18	Uranium	--n/a--	8.18E+01	--n/a--	--n/a--
19	Vanadium	3.28E+02	1.24E+03	6.08E+02	7.71E-02
20	Zinc	1.40E+03	1.27E+03	8.21E+02	8.15E-02

Notes:

[1] From Data Adequacy Table 4-11

[2] As per field results summary, Table 4-4

[3] As per field results summary, Table 4-5

--n/a-- Not applicable. No uranium samples in soil, sediment, or surface water

--n/c-- Not calculated. Aluminum not a COPEC in soil, ore or sediment

TABLE 4-13 TIER 2: BIOACCUMULATION FACTORS
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Bioaccumulation Factors (BAF) [1] [2]								
		Soil to Plants	Soil to Invertebrates	Soil to Small Mammals	Riparian Soil to Riparian Plants	Riparian Soil to Invertebrates	Sediment to Aquatic Plants	Sediment to Benthic Invertebrates	Surface Water to Aquatic Invertebrates	Surface Water to Fish
1	Aluminum	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
2	Antimony	2.00E-01	1.00E+00	5.00E-02	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
3	Arsenic	3.80E-02	2.20E-01	2.50E-03	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
4	Barium	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
5	Beryllium	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
6	Cadmium	2.45E-01	7.70E+00	3.30E-01	4.71E-01	5.83E-01	2.54E-01	6.88E-02	2.26E+05	4.84E+03
7	Chromium	2.64E-02	3.10E-01	8.50E-02	2.73E-02	1.73E-02	3.46E-01	1.07E-01	5.65E+03	7.83E+02
8	Copper	3.24E-01	--n/a--	--n/a--	3.55E-01	--n/a--	4.41E-01	--n/a--	--n/a--	--n/a--
9	Iron	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
10	Lead	5.60E-01	2.70E-01	1.10E-01	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
11	Manganese	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
12	Mercury	9.00E-01	1.70E+00	5.40E-02	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
13	Molybdenum	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
14	Nickel	3.98E-02	1.10E+00	2.50E-01	4.94E-02	2.61E-02	3.05E-01	1.79E-01	2.79E+02	2.79E+01
15	Selenium	2.40E-01	9.90E-01	1.60E-01	3.20E-01	1.73E-01	8.17E-01	9.75E-01	2.28E+02	2.89E+01
16	Silver	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
17	Thallium	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
18	Uranium	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
19	Vanadium	1.33E-02	4.20E-02	1.20E-02	1.75E-02	5.17E-02	6.60E-02	1.79E-02	1.00E+04	4.84E+01
20	Zinc	2.63E-01	3.20E+00	7.70E-01	3.86E-01	2.00E-01	4.39E-01	2.79E-01	3.64E+03	1.13E+03

Notes:

[1] Values from Tetra Tech 2002 (Table 6-21), Sample et al 1998, and USEPA 2005

[2] --n/a-- means not available and assumed to be 0.5 in subsequent calculations, which is conservative for non-bioaccumulative analytes

TABLE 4-14 TIER 2: MEAN EXPOSURE PARAMETERS USED FOR DAILY DOSE EQUATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon

Mean Exposure Parameter	Units	Northern Bobwhite *Colinus virginianus* Herbivorous Bird	Eastern Cottontail *Sylvilagus floridanus* Herbivorous Mammal	American Robin *Turdus migratorius* Omnivorous Bird	Deer Mouse *Peromyscus maniculatus* Omnivorous Mammal	Song Sparrow *Melospiza melodia* Aquatic and Riparian, Herbivorous Bird	Spotted Sandpiper *Actitis macularia* Aquatic and Riparian Insectevorous Bird	Mallard *Anas platyrhynchas* Aquatic and Riparian, Benthic-feeding Bird	Raccoon *Procyon lotor* Aquatic and Riparian, Omnivorous Mammal	Coyote *Canis latrans* Mammalian Carnivore	Red-Tailed Hawk *Buteo jamaicensis* Small Raptor
Dietary Ingest Rate [1]	kg/day	2.68E-02	7.87E-02	1.45E-02	3.42E-03	6.43E-03	5.03E-03	9.02E-02	1.69E-01	2.29E-01	5.24E-02
Water Ingest Rate	L/day	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-02	4.89E-01	8.22E-01	5.82E-02
SoilFraction in Diet	(unitless)	2.1%	2.4%	2.0%	2.0%	2.0%	0.0%	0.0%	0.0%	2.8%	2.8%
Plants Fraction in Diet	(unitless)	83.8%	97.6%	49.0%	53.4%	0.0%	0.0%	0.0%	0.0%	9.7%	0.0%
Invertebrates Fraction in Diet	(unitless)	14.1%	0.0%	49.0%	44.6%	0.0%	0.0%	0.0%	0.0%	0.0%	33.0%
Small Mammals Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	87.5%	33.0%
Small Birds Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.0%
Riparian Soil Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%
Riparian Plants Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	98.0%	0.0%	0.0%	24.0%	0.0%	0.0%
Riparian Invertebrates Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	98.0%	0.0%	0.0%	0.0%	0.0%
SedimentFraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	9.4%	0.0%	0.0%
Aquatic Plants Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.5%	24.0%	0.0%	0.0%
Benthic Invertebrate Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	72.2%	0.0%	0.0%	0.0%
Surface Water Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Aquatic Invertebrate Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	31.7%	0.0%	0.0%
Fish Fraction in Diet	(unitless)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%
Mean Body Weight	kg	1.91E-01	1.23E+00	7.73E-02	2.10E-02	2.35E-02	4.25E-02	1.13E+00	6.67E+00	1.05E+01	9.70E-01
Home Range [2] [3] [4] [5]	acres	28.61	5.96	0.40	0.28	3.34	0.62	274.29	4159.00	7240.00	575.76
Facilty Area Use Factor [6]	(unitless)	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	3.17E-01	2.09E-02	1.20E-02	1.51E-01
Ore Pile Area Use Factor [7]	(unitless)	1.40E-03	6.71E-03	1.01E-01	1.43E-01	1.20E-02	6.48E-02	1.46E-04	9.62E-06	5.52E-06	6.95E-05

Notes:

[1] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5: Mean Exposure Parameters

[3] Spotted Sandpiper from EPA "Wildlife Exposure Factors Handbook", Volume 2 of 2, EPA/600/R-93/187, December 1993. Page 2-153 mean territory

[4] Red-Tailed Hawk from SPRECA/SPRUA Ecological Risk Assessment, Former Texaco Casper Refinery, Evanzville, WY. Table 11 Receptor -Specific Exposure Parameters

[5] Mallard from EPA "Wildlife Exposure Factors Handbook", Volume 2 of 2, EPA/600/R-93/187, December 1993. Page 2-45 mean territory

[6] Facility Area = 87.00 acres

[7] Phosphoria Ore Stockpile Area = 0.04 acres

TABLE 4-15 STEP 3 - DAILY DOSE CALCULATIONS : TOXICITY REFERENCE VALUES
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	ORNL NOAEL Based Toxocological Benchmarks (mg/kg-day) [1] [2] [3]										Corresponding Test Species									
												Mammal #1		Mammal #2		Avian #1		Avian #2		Avian #3	
		Northern Bobwhite	Eastern Cottontail	American Robin	Deer Mouse	Song Sparrow	Spotted Sandpiper	Mallard [4]	Raccoon [5]	Coyote [5]	Red-Talled Hawk [6]	test species	Weight [kg]	test species	Weight [kg]	test species	Weight [kg]	test species	Weight [kg]	test species	Weight [kg]
1	Aluminum	109.7	1.93	109.7	1.93	109.7	109.7	109.7	1.93	1.93	109.7	Mouse	0.03		--n/a--	Ringed Dove	0.155		--n/a--		--n/a--
2	Antimony	--n/a--	0.125	--n/a--	0.125	--n/a--	--n/a--	--n/a--	0.125	0.125	--n/a--	Mouse	0.03		--n/a--		--n/a--		--n/a--		--n/a--
3	Arsenic	2.46	0.126	2.46	0.126	2.46	2.46	5.14	0.126	0.126	5.14	Mouse	0.03		--n/a--	Brown Headed Cowbird	0.049	Mallard	1		--n/a--
4	Barium	20.8	5.1	20.8	5.1	20.8	20.8	20.8	5.1	5.1	20.8	Rat	0.435		--n/a--	Chick	0.121		--n/a--		--n/a--
5	Beryllium	--n/a--	0.66	--n/a--	0.66	--n/a--	--n/a--	--n/a--	0.66	0.66	--n/a--	Rat	0.35		--n/a--		--n/a--		--n/a--		--n/a--
6	Cadmium	1.45	1	1.45	1	1.45	1.45	1.45	1	1	1.45	Rat	0.303		--n/a--	Mallard Duck	1.153		--n/a--		--n/a--
7	Chromium [7]	1	2737	1	2737	1	1	1	2737	2737	1	Rat	0.35		--n/a--	Black Duck	1.25		--n/a--		--n/a--
8	Copper	47	11.7	47	11.7	47	47	47	11.7	11.7	47	Mink	1		--n/a--	Chick	0.534		--n/a--		--n/a--
9	Iron	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--		--n/a--		--n/a--		--n/a--		--n/a--		--n/a--
10	Lead	1.13	8	1.13	8	1.13	1.13	1.13	8	8	3.85	Rat	0.35		--n/a--	Japanese Quail	0.15	A. Kestrel	0.13		--n/a--
11	Manganese	977	88	977	88	977	977	977	88	88	977	Rat	0.35		--n/a--	Japanese Quail	0.072		--n/a--		--n/a--
12	Mercury	0.45	13.2	0.45	13.2	0.45	0.45	0.45	1	1	0.45	Mouse	0.03	Mink	1	Japanese Quail	0.15		--n/a--		--n/a--
13	Molybdenum	3.5	0.26	3.5	0.26	3.5	3.5	3.5	0.26	0.26	3.5	Mouse	0.03		--n/a--	Chicken	1.5		--n/a--		--n/a--
14	Nickel	77.4	40	77.4	40	77.4	77.4	77.4	40	40	77.4	Rat	0.35		--n/a--	Mallard Duck	0.782		--n/a--		--n/a--
15	Selenium	0.4	0.2	0.4	0.2	0.4	0.4	0.4	0.2	0.2	0.44	Rat	0.35		--n/a--	Mallard Duck	1	Screech Owl	0.2	BCN Heron	0.883
16	Silver	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--		--n/a--		--n/a--		--n/a--		--n/a--		--n/a--
17	Thallium	--n/a--	0.0074	--n/a--	0.0074	--n/a--	--n/a--	--n/a--	0.0074	0.0074	--n/a--	Rat	0.365		--n/a--		--n/a--		--n/a--		--n/a--
18	Uranium	16	3.07	16	3.07	16	16	16	3.07	3.07	16	Mouse	0.028		--n/a--	Black Duck	1.25		--n/a--		--n/a--
19	Vanadium	11.4	0.21	11.4	0.21	11.4	11.4	11.4	0.21	0.21	11.4	Rat	0.26		--n/a--	Mallard Duck	1.17		--n/a--		--n/a--
20	Zinc	14.5	160	14.5	160	14.5	14.5	14.5	160	160	14.5	Rat	0.35		--n/a--	White Leghorn Hens	1.935		--n/a--		--n/a--

Notes:

[1] Except as indicated values from: Sample, B.E., D.M. Opresko, and G.W. Suter II. 1996. Toxicological Benchmarks for Wildlife: 1996 Revision. Oak Ridge National Laboratory, Oak Ridge, TN. 227 pp. ES/ER/TM-86/R3 (http://www.esd.ornl.gov/programs/ecorisk/documents/tm86r3.pdf)

[2] Receptor Species use Avain #1 an Mammal #1except as indicated.

[3] --n/a-- means not available

[4] Arsenic uses Avian #2

[5] Mercury uses Mammal #2

[6] Arsenic, Lead and Selenium use Avian #2

[7] Values for Chromium III used

TABLE 4-16 TIER 2: HAZARD QUOTIENTS FOR TERRESTRIAL HERBIVOROUS BIRDS: NORTHERN BOBWHITE
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Plants					Invertebrates					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL) C-Ore (maximum)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[6]	[3]		[4]			[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
			--	kg/day	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1		Antimony	1.00E+00	2.68E-02	2.85E+00	2.1%	5.63E-04	1.61E-03	2.00E-01	5.71E-01	83.8%	2.25E-02	1.28E-02	1.00E+00	2.85E+00	14.1%	3.78E-03	1.08E-02	1.91E-01	1.32E-01	--n/a--	--n/a--	--n/a--	--n/a--
2		Arsenic	1.00E+00	2.68E-02	7.84E+00	2.1%	5.63E-04	4.42E-03	3.80E-02	2.98E-01	83.8%	2.25E-02	6.70E-03	2.20E-01	1.72E+00	14.1%	3.78E-03	6.52E-03	1.91E-01	9.23E-02	2.46E+00	4.90E-02	3.23E+00	0.0
3		Barium	1.00E+00	2.68E-02	1.17E+02	2.1%	5.63E-04	6.62E-02	5.00E-01	5.87E+01	83.8%	2.25E-02	1.32E+00	5.00E-01	5.87E+01	14.1%	3.78E-03	2.22E-01	1.91E-01	8.42E+00	2.08E+01	1.21E-01	2.28E+01	0.4
4		Beryllium	1.00E+00	2.68E-02	1.43E+00	2.1%	5.63E-04	8.08E-04	5.00E-01	7.17E-01	83.8%	2.25E-02	1.61E-02	5.00E-01	7.17E-01	14.1%	3.78E-03	2.71E-03	1.91E-01	1.03E-01	--n/a--	--n/a--	--n/a--	--n/a--
5		Cadmium	1.00E+00	2.68E-02	2.10E+01	2.1%	5.63E-04	1.18E-02	2.45E-01	5.13E+00	83.8%	2.25E-02	1.15E-01	7.70E+00	1.61E+02	14.1%	3.78E-03	6.10E-01	1.91E-01	3.86E+00	1.45E+00	1.15E+00	1.01E+00	3.8
6		Chromium	1.00E+00	2.68E-02	3.07E+02	2.1%	5.63E-04	1.73E-01	2.64E-02	8.11E+00	83.8%	2.25E-02	1.82E-01	3.10E-01	9.53E+01	14.1%	3.78E-03	3.60E-01	1.91E-01	3.75E+00	1.00E+00	1.25E+00	6.87E-01	5.5
7		Copper	1.00E+00	2.68E-02	5.76E+01	2.1%	5.63E-04	3.24E-02	3.24E-01	1.87E+01	83.8%	2.25E-02	4.19E-01	5.00E-01	2.88E+01	14.1%	3.78E-03	1.09E-01	1.91E-01	2.94E+00	4.70E+01	5.34E-01	3.83E+01	0.1
8		Iron	1.00E+00	2.68E-02	1.66E+04	2.1%	5.63E-04	9.33E+00	5.00E-01	8.28E+03	83.8%	2.25E-02	1.86E+02	5.00E-01	8.28E+03	14.1%	3.78E-03	3.13E+01	1.91E-01	1.19E+03	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	1.00E+00	2.68E-02	7.87E+01	2.1%	5.63E-04	4.43E-02	5.60E-01	4.41E+01	83.8%	2.25E-02	9.91E-01	2.70E-01	2.12E+01	14.1%	3.78E-03	8.04E-02	1.91E-01	5.84E+00	1.13E+00	1.50E-01	1.19E+00	4.9
10		Manganese	1.00E+00	2.68E-02	9.38E+02	2.1%	5.63E-04	5.28E-01	5.00E-01	4.69E+02	83.8%	2.25E-02	1.05E+01	5.00E-01	4.69E+02	14.1%	3.78E-03	1.77E+00	1.91E-01	6.72E+01	9.77E+02	7.20E-02	1.19E+03	0.1
11		Mercury	1.00E+00	2.68E-02	1.53E+01	2.1%	5.63E-04	8.62E-03	9.00E-01	1.38E+01	83.8%	2.25E-02	3.10E-01	1.70E+00	2.60E+01	14.1%	3.78E-03	9.84E-02	1.91E-01	2.18E+00	4.50E-01	1.50E-01	4.72E-01	4.6
12		Molybdenum	1.00E+00	2.68E-02	8.08E+00	2.1%	5.63E-04	4.55E-03	5.00E-01	4.04E+00	83.8%	2.25E-02	9.09E-02	5.00E-01	4.04E+00	14.1%	3.78E-03	1.53E-02	1.91E-01	5.80E-01	3.50E+00	1.50E+00	2.32E+00	0.3
13		Nickel	1.00E+00	2.68E-02	5.98E+01	2.1%	5.63E-04	3.37E-02	3.98E-02	2.38E+00	83.8%	2.25E-02	5.35E-02	1.10E+00	6.57E+01	14.1%	3.78E-03	2.49E-01	1.91E-01	1.76E+00	7.74E+01	7.82E-01	5.84E+01	0.0
14		Selenium	1.00E+00	2.68E-02	1.08E+01	2.1%	5.63E-04	6.07E-03	2.40E-01	2.59E+00	83.8%	2.25E-02	5.82E-02	9.90E-01	1.07E+01	14.1%	3.78E-03	4.04E-02	1.91E-01	5.48E-01	4.00E-01	1.00E+00	2.87E-01	1.9
15		Silver	1.00E+00	2.68E-02	7.09E+00	2.1%	5.63E-04	3.99E-03	5.00E-01	3.54E+00	83.8%	2.25E-02	7.97E-02	5.00E-01	3.54E+00	14.1%	3.78E-03	1.34E-02	1.91E-01	5.08E-01	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	1.00E+00	2.68E-02	1.62E+00	2.1%	5.63E-04	9.12E-04	5.00E-01	8.09E-01	83.8%	2.25E-02	1.82E-02	5.00E-01	8.09E-01	14.1%	3.78E-03	3.06E-03	1.91E-01	1.16E-01	--n/a--	--n/a--	--n/a--	--n/a--
17		Uranium	1.00E+00	2.68E-02	--n/a--	2.1%	5.63E-04	--n/a--	--n/a--	--n/a--	83.8%	2.25E-02	--n/a--	--n/a--	--n/a--	14.1%	3.78E-03	--n/a--	1.91E-01	--n/a--	1.60E+01	1.25E+00	1.10E+01	--n/a--
18		Vanadium	1.00E+00	2.68E-02	3.28E+02	2.1%	5.63E-04	1.85E-01	1.33E-02	4.36E+00	83.8%	2.25E-02	9.80E-02	4.20E-02	1.38E+01	14.1%	3.78E-03	5.21E-02	1.91E-01	1.75E+00	1.14E+01	1.17E+00	7.93E+00	0.2
19		Zinc	1.00E+00	2.68E-02	1.40E+03	2.1%	5.63E-04	7.86E-01	2.63E-01	3.67E+02	83.8%	2.25E-02	8.25E+00	3.20E+00	4.46E+03	14.1%	3.78E-03	1.69E+01	1.91E-01	1.36E+02	1.45E+01	1.94E+00	9.13E+00	14.9
1		Antimony	1.40E-03	2.68E-02	8.00E+00	2.1%	5.63E-04	4.51E-03	2.00E-01	1.60E+00	83.8%	2.25E-02	3.60E-02	1.00E+00	8.00E+00	14.1%	3.78E-03	3.03E-02	1.91E-01	5.18E-04	--n/a--	--n/a--	--n/a--	--n/a--
2		Arsenic	1.40E-03	2.68E-02	2.18E+01	2.1%	5.63E-04	1.23E-02	3.80E-02	8.28E-01	83.8%	2.25E-02	1.86E-02	2.20E-01	4.80E+00	14.1%	3.78E-03	1.81E-02	1.91E-01	3.59E-04	2.46E+00	4.90E-02	3.23E+00	0.0
3		Barium	1.40E-03	2.68E-02	8.00E+01	2.1%	5.63E-04	4.51E-02	5.00E-01	4.00E+01	83.8%	2.25E-02	8.99E-01	5.00E-01	4.00E+01	14.1%	3.78E-03	1.51E-01	1.91E-01	8.02E-03	2.08E+01	1.21E-01	2.28E+01	0.0
4		Beryllium	1.40E-03	2.68E-02	2.00E+00	2.1%	5.63E-04	1.13E-03	5.00E-01	1.00E+00	83.8%	2.25E-02	2.25E-02	5.00E-01	1.00E+00	14.1%	3.78E-03	3.78E-03	1.91E-01	2.01E-04	--n/a--	--n/a--	--n/a--	--n/a--
5		Cadmium	1.40E-03	2.68E-02	1.00E+02	2.1%	5.63E-04	5.63E-02	2.45E-01	2.45E+01	83.8%	2.25E-02	5.51E-01	7.70E+00	7.70E+02	14.1%	3.78E-03	2.91E+00	1.91E-01	2.58E-02	1.45E+00	1.15E+00	1.01E+00	0.0
6		Chromium	1.40E-03	2.68E-02	1.16E+03	2.1%	5.63E-04	6.54E-01	2.64E-02	3.06E+01	83.8%	2.25E-02	6.89E-01	3.10E-01	3.60E+02	14.1%	3.78E-03	1.36E+00	1.91E-01	1.98E-02	1.00E+00	1.25E+00	6.87E-01	0.0
7		Copper	1.40E-03	2.68E-02	1.30E+02	2.1%	5.63E-04	7.32E-02	3.24E-01	4.21E+01	83.8%	2.25E-02	9.47E-01	5.00E-01	6.50E+01	14.1%	3.78E-03	2.46E-01	1.91E-01	9.27E-03	4.70E+01	5.34E-01	3.83E+01	0.0
8		Iron	1.40E-03	2.68E-02	1.38E+04	2.1%	5.63E-04	7.78E+00	5.00E-01	6.90E+03	83.8%	2.25E-02	1.55E+02	5.00E-01	6.90E+03	14.1%	3.78E-03	2.61E+01	1.91E-01	1.38E+00	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	1.40E-03	2.68E-02	1.45E+01	2.1%	5.63E-04	8.17E-03	5.60E-01	8.12E+00	83.8%	2.25E-02	1.83E-01	2.70E-01	3.92E+00	14.1%	3.78E-03	1.48E-02	1.91E-01	1.50E-03	1.13E+00	1.50E-01	1.19E+00	0.0
10		Manganese	1.40E-03	2.68E-02	2.75E+02	2.1%	5.63E-04	1.55E-01	5.00E-01	1.38E+02	83.8%	2.25E-02	3.09E+00	5.00E-01	1.38E+02	14.1%	3.78E-03	5.20E-01	1.91E-01	2.76E-02	9.77E+02	7.20E-02	1.19E+03	0.0
11		Mercury	1.40E-03	2.68E-02	5.50E-01	2.1%	5.63E-04	3.10E-04	9.00E-01	4.95E-01	83.8%	2.25E-02	1.11E-02	1.70E+00	9.35E-01	14.1%	3.78E-03	3.54E-03	1.91E-01	1.10E-04	4.50E-01	1.50E-01	4.72E-01	0.0
12		Molybdenum	1.40E-03	2.68E-02	4.00E+01	2.1%	5.63E-04	2.25E-02	5.00E-01	2.00E+01	83.8%	2.25E-02	4.50E-01	5.00E-01	2.00E+01	14.1%	3.78E-03	7.57E-02	1.91E-01	4.01E-03	3.50E+00	1.50E+00	2.32E+00	0.0
13		Nickel	1.40E-03	2.68E-02	2.20E+02	2.1%	5.63E-04	1.24E-01	3.98E-02	8.76E+00	83.8%	2.25E-02	1.97E-01	1.10E+00	2.42E+02	14.1%	3.78E-03	9.15E-01	1.91E-01	9.05E-03	7.74E+01	7.82E-01	5.84E+01	0.0
14		Selenium	1.40E-03	2.68E-02	3.90E+01	2.1%	5.63E-04	2.20E-02	2.40E-01	9.36E+00	83.8%	2.25E-02	2.10E-01	9.90E-01	3.86E+01	14.1%	3.78E-03	1.46E-01	1.91E-01	2.77E-03	4.00E-01	1.00E+00	2.87E-01	0.0
15		Silver	1.40E-03	2.68E-02	6.91E+00	2.1%	5.63E-04	3.89E-03	5.00E-01	3.46E+00	83.8%	2.25E-02	7.77E-02	5.00E-01	3.46E+00	14.1%	3.78E-03	1.31E-02	1.91E-01	6.93E-04	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	1.40E-03	2.68E-02	3.60E+00	2.1%	5.63E-04	2.03E-03	5.00E-01	1.80E+00	83.8%	2.25E-02	4.05E-02	5.00E-01	1.80E+00	14.1%	3.78E-03	6.81E-03	1.91E-01	3.61E-04	--n/a--	--n/a--	--n/a--	--n/a--
17		Uranium	1.40E-03	2.68E-02	8.18E+01	2.1%	5.63E-04	4.61E-02	5.00E-01	4.09E+01	83.8%	2.25E-02	9.20E-01	5.00E-01	4.09E+01	14.1%	3.78E-03	1.55E-01	1.91E-01	8.20E-03	1.60E+01	1.25E+00	1.10E+01	0.0
18		Vanadium	1.40E-03	2.68E-02	1.24E+03	2.1%	5.63E-04	6.99E-01	1.33E-02	1.65E+01	83.8%	2.25E-02	3.71E-01	4.20E-02	5.21E+01	14.1%	3.78E-03	1.97E-01	1.91E-01	9.27E-03	1.14E+01	1.17E+00	7.93E+00	0.0
19		Zinc	1.40E-03	2.68E-02	1.27E+03	2.1%	5.63E-04	7.16E-01	2.63E-01	3.34E+02	83.8%	2.25E-02	7.51E+00	3.20E+00	4.06E+03	14.1%	3.78E-03	1.54E+01	1.91E-01	1.73E-01	1.45E+01	1.94E+00	9.13E+00	0.0

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Aasessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5
[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6
[5] For BAFs see Table 4-13
[6] For SUFs see Table 4-14

TABLE 4-17 TIER 2: HAZARD QUOTIENTS FOR TERRESTRIAL HERBIVOROUS MAMMALS: EASTERN COTTONTAIL
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Plants					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL) C-Ore (maximum)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[6]	[3]		[4]			[5]	[1]	[4]			[3]				[2]	
			--	kg/day	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1		Antimony	1.00E+00	7.87E-02	2.85E+00	2.4%	1.89E-03	5.39E-03	2.00E-01	5.71E-01	97.6%	7.68E-02	4.39E-02	1.23E+00	4.00E-02	1.25E-01	3.00E-02	1.00E-01	0.4
2		Arsenic	1.00E+00	7.87E-02	7.84E+00	2.4%	1.89E-03	1.48E-02	3.80E-02	2.98E-01	97.6%	7.68E-02	2.29E-02	1.23E+00	3.06E-02	1.26E-01	3.00E-02	1.01E-01	0.3
3		Barium	1.00E+00	7.87E-02	1.17E+02	2.4%	1.89E-03	2.22E-01	5.00E-01	5.87E+01	97.6%	7.68E-02	4.51E+00	1.23E+00	3.85E+00	5.10E+00	4.35E-01	4.79E+00	0.8
4		Beryllium	1.00E+00	7.87E-02	1.43E+00	2.4%	1.89E-03	2.71E-03	5.00E-01	7.17E-01	97.6%	7.68E-02	5.51E-02	1.23E+00	4.70E-02	6.60E-01	3.50E-01	6.12E-01	0.1
5		Cadmium	1.00E+00	7.87E-02	2.10E+01	2.4%	1.89E-03	3.96E-02	2.45E-01	5.13E+00	97.6%	7.68E-02	3.95E-01	1.23E+00	3.53E-01	1.00E+00	3.03E-01	9.19E-01	0.4
6		Chromium	1.00E+00	7.87E-02	3.07E+02	2.4%	1.89E-03	5.81E-01	2.64E-02	8.11E+00	97.6%	7.68E-02	6.23E-01	1.23E+00	9.78E-01	2.74E+03	3.50E-01	2.54E+03	0.0
7		Copper	1.00E+00	7.87E-02	5.76E+01	2.4%	1.89E-03	1.09E-01	3.24E-01	1.87E+01	97.6%	7.68E-02	1.43E+00	1.23E+00	1.25E+00	1.17E+01	1.00E+00	1.16E+01	0.1
8		Iron	1.00E+00	7.87E-02	1.66E+04	2.4%	1.89E-03	3.13E+01	5.00E-01	8.28E+03	97.6%	7.68E-02	6.36E+02	1.23E+00	5.42E+02	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	1.00E+00	7.87E-02	7.87E+01	2.4%	1.89E-03	1.49E-01	5.60E-01	4.41E+01	97.6%	7.68E-02	3.39E+00	1.23E+00	2.87E+00	8.00E+00	3.50E-01	7.42E+00	0.4
10		Manganese	1.00E+00	7.87E-02	9.38E+02	2.4%	1.89E-03	1.77E+00	5.00E-01	4.69E+02	97.6%	7.68E-02	3.60E+01	1.23E+00	3.07E+01	8.80E+01	3.50E-01	8.16E+01	0.4
11		Mercury	1.00E+00	7.87E-02	1.53E+01	2.4%	1.89E-03	2.89E-02	9.00E-01	1.38E+01	97.6%	7.68E-02	1.06E+00	1.23E+00	8.83E-01	1.32E+01	3.00E-02	1.06E+01	0.1
12		Molybdenum	1.00E+00	7.87E-02	8.08E+00	2.4%	1.89E-03	1.53E-02	5.00E-01	4.04E+00	97.6%	7.68E-02	3.11E-01	1.23E+00	2.65E-01	2.60E-01	3.00E-02	2.08E-01	1.3
13		Nickel	1.00E+00	7.87E-02	5.98E+01	2.4%	1.89E-03	1.13E-01	3.98E-02	2.38E+00	97.6%	7.68E-02	1.83E-01	1.23E+00	2.40E-01	4.00E+01	3.50E-01	3.71E+01	0.0
14		Selenium	1.00E+00	7.87E-02	1.08E+01	2.4%	1.89E-03	2.04E-02	2.40E-01	2.59E+00	97.6%	7.68E-02	1.99E-01	1.23E+00	1.78E-01	2.00E-01	3.50E-01	1.85E-01	1.0
15		Silver	1.00E+00	7.87E-02	7.09E+00	2.4%	1.89E-03	1.34E-02	5.00E-01	3.54E+00	97.6%	7.68E-02	2.72E-01	1.23E+00	2.32E-01	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	1.00E+00	7.87E-02	1.62E+00	2.4%	1.89E-03	3.06E-03	5.00E-01	8.09E-01	97.6%	7.68E-02	6.22E-02	1.23E+00	5.30E-02	7.40E-03	3.65E-01	6.88E-03	7.7
17		Uranium	1.00E+00	7.87E-02	--n/a--	2.4%	1.89E-03	--n/a--	--n/a--	--n/a--	97.6%	7.68E-02	--n/a--	1.23E+00	--n/a--	3.07E+00	2.80E-02	2.45E+00	--n/a--
18		Vanadium	1.00E+00	7.87E-02	3.28E+02	2.4%	1.89E-03	6.19E-01	1.33E-02	4.36E+00	97.6%	7.68E-02	3.35E-01	1.23E+00	7.75E-01	2.10E-01	2.60E-01	1.91E-01	4.1
19		Zinc	1.00E+00	7.87E-02	1.40E+03	2.4%	1.89E-03	2.64E+00	2.63E-01	3.67E+02	97.6%	7.68E-02	2.82E+01	1.23E+00	2.50E+01	1.60E+02	3.50E-01	1.48E+02	0.2
1		Antimony	6.71E-03	7.87E-02	8.00E+00	2.4%	1.89E-03	1.51E-02	2.00E-01	1.60E+00	97.6%	7.68E-02	1.23E-01	1.23E+00	7.53E-04	1.25E-01	3.00E-02	1.00E-01	0.0
2		Arsenic	6.71E-03	7.87E-02	2.18E+01	2.4%	1.89E-03	4.12E-02	3.80E-02	8.28E-01	97.6%	7.68E-02	6.37E-02	1.23E+00	5.72E-04	1.26E-01	3.00E-02	1.01E-01	0.0
3		Barium	6.71E-03	7.87E-02	8.00E+01	2.4%	1.89E-03	1.51E-01	5.00E-01	4.00E+01	97.6%	7.68E-02	3.07E+00	1.23E+00	1.76E-02	5.10E+00	4.35E-01	4.79E+00	0.0
4		Beryllium	6.71E-03	7.87E-02	2.00E+00	2.4%	1.89E-03	3.78E-03	5.00E-01	1.00E+00	97.6%	7.68E-02	7.68E-02	1.23E+00	4.40E-04	6.60E-01	3.50E-01	6.12E-01	0.0
5		Cadmium	6.71E-03	7.87E-02	1.00E+02	2.4%	1.89E-03	1.89E-01	2.45E-01	2.45E+01	97.6%	7.68E-02	1.88E+00	1.23E+00	1.13E-02	1.00E+00	3.03E-01	9.19E-01	0.0
6		Chromium	6.71E-03	7.87E-02	1.16E+03	2.4%	1.89E-03	2.19E+00	2.64E-02	3.06E+01	97.6%	7.68E-02	2.35E+00	1.23E+00	2.48E-02	2.74E+03	3.50E-01	2.54E+03	0.0
7		Copper	6.71E-03	7.87E-02	1.30E+02	2.4%	1.89E-03	2.46E-01	3.24E-01	4.21E+01	97.6%	7.68E-02	3.24E+00	1.23E+00	1.90E-02	1.17E+01	1.00E+00	1.16E+01	0.0
8		Iron	6.71E-03	7.87E-02	1.38E+04	2.4%	1.89E-03	2.61E+01	5.00E-01	6.90E+03	97.6%	7.68E-02	5.30E+02	1.23E+00	3.03E+00	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	6.71E-03	7.87E-02	1.45E+01	2.4%	1.89E-03	2.74E-02	5.60E-01	8.12E+00	97.6%	7.68E-02	6.24E-01	1.23E+00	3.55E-03	8.00E+00	3.50E-01	7.42E+00	0.0
10		Manganese	6.71E-03	7.87E-02	2.75E+02	2.4%	1.89E-03	5.20E-01	5.00E-01	1.38E+02	97.6%	7.68E-02	1.06E+01	1.23E+00	6.04E-02	8.80E+01	3.50E-01	8.16E+01	0.0
11		Mercury	6.71E-03	7.87E-02	5.50E-01	2.4%	1.89E-03	1.04E-03	9.00E-01	4.95E-01	97.6%	7.68E-02	3.80E-02	1.23E+00	2.13E-04	1.32E+01	3.00E-02	1.06E+01	0.0
12		Molybdenum	6.71E-03	7.87E-02	4.00E+01	2.4%	1.89E-03	7.56E-02	5.00E-01	2.00E+01	97.6%	7.68E-02	1.54E+00	1.23E+00	8.79E-03	2.60E-01	3.00E-02	2.08E-01	0.0
13		Nickel	6.71E-03	7.87E-02	2.20E+02	2.4%	1.89E-03	4.16E-01	3.98E-02	8.76E+00	97.6%	7.68E-02	6.73E-01	1.23E+00	5.93E-03	4.00E+01	3.50E-01	3.71E+01	0.0
14		Selenium	6.71E-03	7.87E-02	3.90E+01	2.4%	1.89E-03	7.37E-02	2.40E-01	9.36E+00	97.6%	7.68E-02	7.19E-01	1.23E+00	4.32E-03	2.00E-01	3.50E-01	1.85E-01	0.0
15		Silver	6.71E-03	7.87E-02	6.91E+00	2.4%	1.89E-03	1.31E-02	5.00E-01	3.46E+00	97.6%	7.68E-02	2.65E-01	1.23E+00	1.52E-03	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	6.71E-03	7.87E-02	3.60E+00	2.4%	1.89E-03	6.80E-03	5.00E-01	1.80E+00	97.6%	7.68E-02	1.38E-01	1.23E+00	7.91E-04	7.40E-03	3.65E-01	6.88E-03	0.1
17		Uranium	6.71E-03	7.87E-02	8.18E+01	2.4%	1.89E-03	1.55E-01	5.00E-01	4.09E+01	97.6%	7.68E-02	3.14E+00	1.23E+00	1.80E-02	3.07E+00	2.80E-02	2.45E+00	0.0
18		Vanadium	6.71E-03	7.87E-02	1.24E+03	2.4%	1.89E-03	2.34E+00	1.33E-02	1.65E+01	97.6%	7.68E-02	1.27E+00	1.23E+00	1.97E-02	2.10E-01	2.60E-01	1.91E-01	0.1
19		Zinc	6.71E-03	7.87E-02	1.27E+03	2.4%	1.89E-03	2.40E+00	2.63E-01	3.34E+02	97.6%	7.68E-02	2.57E+01	1.23E+00	1.53E-01	1.60E+02	3.50E-01	1.48E+02	0.0

Note:

[1] --n/a-- Not available

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals

[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5

[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6

[5] For BAFs see Table 4-13

[6] For SUFs see Table 4-14

TABLE 4-18 TIER 2: HAZARD QUOTIENTS FOR TERRESTRIAL OMNIVOROUS BIRDS: AMERICAN ROBIN
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Plants					Invertebrates					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL) C-Ore (maximum)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[6]	[3]		[4]			[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
			--	kg/day	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1		Antimony	1.00E+00	1.45E-02	2.85E+00	2.0%	2.90E-04	8.27E-04	2.00E-01	5.71E-01	49.0%	7.10E-03	4.06E-03	1.00E+00	2.85E+00	49.0%	7.10E-03	2.03E-02	7.73E-02	3.25E-01	--n/a--	--n/a--	--n/a--	--n/a--
2		Arsenic	1.00E+00	1.45E-02	7.84E+00	2.0%	2.90E-04	2.27E-03	3.80E-02	2.98E-01	49.0%	7.10E-03	2.11E-03	2.20E-01	1.72E+00	49.0%	7.10E-03	1.22E-02	7.73E-02	2.15E-01	2.46E+00	4.90E-02	2.69E+00	0.1
3		Barium	1.00E+00	1.45E-02	1.17E+02	2.0%	2.90E-04	3.40E-02	5.00E-01	5.87E+01	49.0%	7.10E-03	4.17E-01	5.00E-01	5.87E+01	49.0%	7.10E-03	4.17E-01	7.73E-02	1.12E+01	2.08E+01	1.21E-01	1.90E+01	0.6
4		Beryllium	1.00E+00	1.45E-02	1.43E+00	2.0%	2.90E-04	4.16E-04	5.00E-01	7.17E-01	49.0%	7.10E-03	5.09E-03	5.00E-01	7.17E-01	49.0%	7.10E-03	5.09E-03	7.73E-02	1.37E-01	--n/a--	--n/a--	--n/a--	--n/a--
5		Cadmium	1.00E+00	1.45E-02	2.10E+01	2.0%	2.90E-04	6.07E-03	2.45E-01	5.13E+00	49.0%	7.10E-03	3.64E-02	7.70E+00	1.61E+02	49.0%	7.10E-03	1.14E+00	7.73E-02	1.54E+01	1.45E+00	1.15E+00	8.45E-01	18.2
6		Chromium	1.00E+00	1.45E-02	3.07E+02	2.0%	2.90E-04	8.90E-02	2.64E-02	8.11E+00	49.0%	7.10E-03	5.76E-02	3.10E-01	9.53E+01	49.0%	7.10E-03	6.76E-01	7.73E-02	1.06E+01	1.00E+00	1.25E+00	5.73E-01	18.6
7		Copper	1.00E+00	1.45E-02	5.76E+01	2.0%	2.90E-04	1.67E-02	3.24E-01	1.87E+01	49.0%	7.10E-03	1.32E-01	5.00E-01	2.88E+01	49.0%	7.10E-03	2.04E-01	7.73E-02	4.57E+00	4.70E+01	5.34E-01	3.19E+01	0.1
8		Iron	1.00E+00	1.45E-02	1.66E+04	2.0%	2.90E-04	4.80E+00	5.00E-01	8.28E+03	49.0%	7.10E-03	5.87E+01	5.00E-01	8.28E+03	49.0%	7.10E-03	5.87E+01	7.73E-02	1.58E+03	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	1.00E+00	1.45E-02	7.87E+01	2.0%	2.90E-04	2.28E-02	5.60E-01	4.41E+01	49.0%	7.10E-03	3.13E-01	2.70E-01	2.12E+01	49.0%	7.10E-03	1.51E-01	7.73E-02	6.29E+00	1.13E+00	1.50E-01	9.90E-01	6.4
10		Manganese	1.00E+00	1.45E-02	9.38E+02	2.0%	2.90E-04	2.72E-01	5.00E-01	4.69E+02	49.0%	7.10E-03	3.33E+00	5.00E-01	4.69E+02	49.0%	7.10E-03	3.33E+00	7.73E-02	8.96E+01	9.77E+02	7.20E-02	9.91E+02	0.1
11		Mercury	1.00E+00	1.45E-02	1.53E+01	2.0%	2.90E-04	4.43E-03	9.00E-01	1.38E+01	49.0%	7.10E-03	9.77E-02	1.70E+00	2.60E+01	49.0%	7.10E-03	1.85E-01	7.73E-02	3.71E+00	4.50E-01	1.50E-01	3.94E-01	9.4
12		Molybdenum	1.00E+00	1.45E-02	8.08E+00	2.0%	2.90E-04	2.34E-03	5.00E-01	4.04E+00	49.0%	7.10E-03	2.87E-02	5.00E-01	4.04E+00	49.0%	7.10E-03	2.87E-02	7.73E-02	7.72E-01	3.50E+00	1.50E+00	1.93E+00	0.4
13		Nickel	1.00E+00	1.45E-02	5.98E+01	2.0%	2.90E-04	1.73E-02	3.98E-02	2.38E+00	49.0%	7.10E-03	1.69E-02	1.10E+00	6.57E+01	49.0%	7.10E-03	4.66E-01	7.73E-02	6.48E+00	7.74E+01	7.82E-01	4.87E+01	0.1
14		Selenium	1.00E+00	1.45E-02	1.08E+01	2.0%	2.90E-04	3.12E-03	2.40E-01	2.59E+00	49.0%	7.10E-03	1.84E-02	9.90E-01	1.07E+01	49.0%	7.10E-03	7.57E-02	7.73E-02	1.26E+00	4.00E-01	1.00E+00	2.40E-01	5.2
15		Silver	1.00E+00	1.45E-02	7.09E+00	2.0%	2.90E-04	2.05E-03	5.00E-01	3.54E+00	49.0%	7.10E-03	2.51E-02	5.00E-01	3.54E+00	49.0%	7.10E-03	2.51E-02	7.73E-02	6.77E-01	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	1.00E+00	1.45E-02	1.62E+00	2.0%	2.90E-04	4.69E-04	5.00E-01	8.09E-01	49.0%	7.10E-03	5.74E-03	5.00E-01	8.09E-01	49.0%	7.10E-03	5.74E-03	7.73E-02	1.55E-01	--n/a--	--n/a--	--n/a--	--n/a--
17		Uranium	1.00E+00	1.45E-02	--n/a--	2.0%	2.90E-04	--n/a--	--n/a--	--n/a--	49.0%	7.10E-03	--n/a--	--n/a--	--n/a--	49.0%	7.10E-03	--n/a--	7.73E-02	--n/a--	1.60E+01	1.25E+00	9.17E+00	--n/a--
18		Vanadium	1.00E+00	1.45E-02	3.28E+02	2.0%	2.90E-04	9.49E-02	1.33E-02	4.36E+00	49.0%	7.10E-03	3.09E-02	4.20E-02	1.38E+01	49.0%	7.10E-03	9.77E-02	7.73E-02	2.89E+00	1.14E+01	1.17E+00	6.62E+00	0.4
19		Zinc	1.00E+00	1.45E-02	1.40E+03	2.0%	2.90E-04	4.04E-01	2.63E-01	3.67E+02	49.0%	7.10E-03	2.60E+00	3.20E+00	4.46E+03	49.0%	7.10E-03	3.17E+01	7.73E-02	4.49E+02	1.45E+01	1.94E+00	7.61E+00	58.9
1		Antimony	1.01E-01	1.45E-02	8.00E+00	2.0%	2.90E-04	2.32E-03	2.00E-01	1.60E+00	49.0%	7.10E-03	1.14E-02	1.00E+00	8.00E+00	49.0%	7.10E-03	5.68E-02	7.73E-02	9.23E-02	--n/a--	--n/a--	--n/a--	--n/a--
2		Arsenic	1.01E-01	1.45E-02	2.18E+01	2.0%	2.90E-04	6.31E-03	3.80E-02	8.28E-01	49.0%	7.10E-03	5.88E-03	2.20E-01	4.80E+00	49.0%	7.10E-03	3.40E-02	7.73E-02	6.05E-02	2.46E+00	4.90E-02	2.69E+00	0.0
3		Barium	1.01E-01	1.45E-02	8.00E+01	2.0%	2.90E-04	2.32E-02	5.00E-01	4.00E+01	49.0%	7.10E-03	2.84E-01	5.00E-01	4.00E+01	49.0%	7.10E-03	2.84E-01	7.73E-02	7.74E-01	2.08E+01	1.21E-01	1.90E+01	0.0
4		Beryllium	1.01E-01	1.45E-02	2.00E+00	2.0%	2.90E-04	5.79E-04	5.00E-01	1.00E+00	49.0%	7.10E-03	7.10E-03	5.00E-01	1.00E+00	49.0%	7.10E-03	7.10E-03	7.73E-02	1.93E-02	--n/a--	--n/a--	--n/a--	--n/a--
5		Cadmium	1.01E-01	1.45E-02	1.00E+02	2.0%	2.90E-04	2.90E-02	2.45E-01	2.45E+01	49.0%	7.10E-03	1.74E-01	7.70E+00	7.70E+02	49.0%	7.10E-03	5.46E+00	7.73E-02	7.42E+00	1.45E+00	1.15E+00	8.45E-01	8.8
6		Chromium	1.01E-01	1.45E-02	1.16E+03	2.0%	2.90E-04	3.36E-01	2.64E-02	3.06E+01	49.0%	7.10E-03	2.17E-01	3.10E-01	3.60E+02	49.0%	7.10E-03	2.55E+00	7.73E-02	4.07E+00	1.00E+00	1.25E+00	5.73E-01	7.1
7		Copper	1.01E-01	1.45E-02	1.30E+02	2.0%	2.90E-04	3.76E-02	3.24E-01	4.21E+01	49.0%	7.10E-03	2.99E-01	5.00E-01	6.50E+01	49.0%	7.10E-03	4.61E-01	7.73E-02	1.04E+00	4.70E+01	5.34E-01	3.19E+01	0.0
8		Iron	1.01E-01	1.45E-02	1.38E+04	2.0%	2.90E-04	4.00E+00	5.00E-01	6.90E+03	49.0%	7.10E-03	4.90E+01	5.00E-01	6.90E+03	49.0%	7.10E-03	4.90E+01	7.73E-02	1.34E+02	--n/a--	--n/a--	--n/a--	--n/a--
9		Lead	1.01E-01	1.45E-02	1.45E+01	2.0%	2.90E-04	4.20E-03	5.60E-01	8.12E+00	49.0%	7.10E-03	5.76E-02	2.70E-01	3.92E+00	49.0%	7.10E-03	2.78E-02	7.73E-02	1.17E-01	1.13E+00	1.50E-01	9.90E-01	0.1
10		Manganese	1.01E-01	1.45E-02	2.75E+02	2.0%	2.90E-04	7.96E-02	5.00E-01	1.38E+02	49.0%	7.10E-03	9.76E-01	5.00E-01	1.38E+02	49.0%	7.10E-03	9.76E-01	7.73E-02	2.66E+00	9.77E+02	7.20E-02	9.91E+02	0.0
11		Mercury	1.01E-01	1.45E-02	5.50E-01	2.0%	2.90E-04	1.59E-04	9.00E-01	4.95E-01	49.0%	7.10E-03	3.51E-03	1.70E+00	9.35E-01	49.0%	7.10E-03	6.63E-03	7.73E-02	1.35E-02	4.50E-01	1.50E-01	3.94E-01	0.0
12		Molybdenum	1.01E-01	1.45E-02	4.00E+01	2.0%	2.90E-04	1.16E-02	5.00E-01	2.00E+01	49.0%	7.10E-03	1.42E-01	5.00E-01	2.00E+01	49.0%	7.10E-03	1.42E-01	7.73E-02	3.87E-01	3.50E+00	1.50E+00	1.93E+00	0.2
13		Nickel	1.01E-01	1.45E-02	2.20E+02	2.0%	2.90E-04	6.37E-02	3.98E-02	8.76E+00	49.0%	7.10E-03	6.21E-02	1.10E+00	2.42E+02	49.0%	7.10E-03	1.72E+00	7.73E-02	2.41E+00	7.74E+01	7.82E-01	4.87E+01	0.0
14		Selenium	1.01E-01	1.45E-02	3.90E+01	2.0%	2.90E-04	1.13E-02	2.40E-01	9.36E+00	49.0%	7.10E-03	6.64E-02	9.90E-01	3.86E+01	49.0%	7.10E-03	2.74E-01	7.73E-02	4.61E-01	4.00E-01	1.00E+00	2.40E-01	1.9
15		Silver	1.01E-01	1.45E-02	6.91E+00	2.0%	2.90E-04	2.00E-03	5.00E-01	3.46E+00	49.0%	7.10E-03	2.45E-02	5.00E-01	3.46E+00	49.0%	7.10E-03	2.45E-02	7.73E-02	6.68E-02	--n/a--	--n/a--	--n/a--	--n/a--
16		Thallium	1.01E-01	1.45E-02	3.60E+00	2.0%	2.90E-04	1.04E-03	5.00E-01	1.80E+00	49.0%	7.10E-03	1.28E-02	5.00E-01	1.80E+00	49.0%	7.10E-03	1.28E-02	7.73E-02	3.48E-02	--n/a--	--n/a--	--n/a--	--n/a--
17		Uranium	1.01E-01	1.45E-02	8.18E+01	2.0%	2.90E-04	2.37E-02	5.00E-01	4.09E+01	49.0%	7.10E-03	2.90E-01	5.00E-01	4.09E+01	49.0%	7.10E-03	2.90E-01	7.73E-02	7.91E-01	1.60E+01	1.25E+00	9.17E+00	0.1
18		Vanadium	1.01E-01	1.45E-02	1.24E+03	2.0%	2.90E-04	3.59E-01	1.33E-02	1.65E+01	49.0%	7.10E-03	1.17E-01	4.20E-02	5.21E+01	49.0%	7.10E-03	3.70E-01	7.73E-02	1.11E+00	1.14E+01	1.17E+00	6.62E+00	0.2
19		Zinc	1.01E-01	1.45E-02	1.27E+03	2.0%	2.90E-04	3.68E-01	2.63E-01	3.34E+02	49.0%	7.10E-03	2.37E+00	3.20E+00	4.06E+03	49.0%	7.10E-03	2.88E+01	7.73E-02	4.14E+01	1.45E+01	1.94E+00	7.61E+00	5.4

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5
[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6
[5] For BAFs see Table 4-13
[6] For SUFs see Table 4-14

TABLE 4-19 TIER 2: HAZARD QUOTIENTS FOR TERRESTRIAL OMNIVOROUS MAMMALS: DEER MOUSE
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Plants					Invertebrates					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL) C-Ore (maximum)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[6]	[3]		[4]			[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
			--	kg/day	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1		Antimony	1.00E+00	3.42E-03	2.85E+00	2.0%	6.84E-05	1.95E-04	2.00E-01	5.71E-01	53.4%	1.83E-03	1.04E-03	1.00E+00	2.85E+00	44.6%	1.53E-03	4.35E-03	2.10E-02	2.66E-01	1.25E-01	3.00E-02	1.28E-01	2.1
2		Arsenic	1.00E+00	3.42E-03	7.84E+00	2.0%	6.84E-05	5.36E-04	3.80E-02	2.98E-01	53.4%	1.83E-03	5.44E-04	2.20E-01	1.72E+00	44.6%	1.53E-03	2.63E-03	2.10E-02	1.77E-01	1.26E-01	3.00E-02	1.29E-01	1.4
3		Barium	1.00E+00	3.42E-03	1.17E+02	2.0%	6.84E-05	8.03E-03	5.00E-01	5.87E+01	53.4%	1.83E-03	1.07E-01	5.00E-01	5.87E+01	44.6%	1.53E-03	8.96E-02	2.10E-02	9.76E+00	5.10E+00	4.35E-01	6.12E+00	1.6
4		Beryllium	1.00E+00	3.42E-03	1.43E+00	2.0%	6.84E-05	9.81E-05	5.00E-01	7.17E-01	53.4%	1.83E-03	1.31E-03	5.00E-01	7.17E-01	44.6%	1.53E-03	1.09E-03	2.10E-02	1.19E-01	6.60E-01	3.50E-01	7.81E-01	0.2
5		Cadmium	1.00E+00	3.42E-03	2.10E+01	2.0%	6.84E-05	1.43E-03	2.45E-01	5.13E+00	53.4%	1.83E-03	9.38E-03	7.70E+00	1.61E+02	44.6%	1.53E-03	2.46E-01	2.10E-02	1.22E+01	1.00E+00	3.03E-01	1.17E+00	10.4
6		Chromium	1.00E+00	3.42E-03	3.07E+02	2.0%	6.84E-05	2.10E-02	2.64E-02	8.11E+00	53.4%	1.83E-03	1.48E-02	3.10E-01	9.53E+01	44.6%	1.53E-03	1.45E-01	2.10E-02	8.62E+00	2.74E+03	3.50E-01	3.24E+03	0.0
7		Copper	1.00E+00	3.42E-03	5.76E+01	2.0%	6.84E-05	3.94E-03	3.24E-01	1.87E+01	53.4%	1.83E-03	3.41E-02	5.00E-01	2.88E+01	44.6%	1.53E-03	4.39E-02	2.10E-02	3.90E+00	1.17E+01	1.00E+00	1.48E+01	0.3
8		Iron	1.00E+00	3.42E-03	1.66E+04	2.0%	6.84E-05	1.13E+00	5.00E-01	8.28E+03	53.4%	1.83E-03	1.51E+01	5.00E-01	8.28E+03	44.6%	1.53E-03	1.26E+01	2.10E-02	1.38E+03	--n/a--	--n/a--	--n/a--	--n/a--	
9		Lead	1.00E+00	3.42E-03	7.87E+01	2.0%	6.84E-05	5.38E-03	5.60E-01	4.41E+01	53.4%	1.83E-03	8.05E-02	2.70E-01	2.12E+01	44.6%	1.53E-03	3.24E-02	2.10E-02	5.63E+00	8.00E+00	3.50E-01	9.47E+00	0.6
10		Manganese	1.00E+00	3.42E-03	9.38E+02	2.0%	6.84E-05	6.41E-02	5.00E-01	4.69E+02	53.4%	1.83E-03	8.58E-01	5.00E-01	4.69E+02	44.6%	1.53E-03	7.15E-01	2.10E-02	7.79E+01	8.80E+01	3.50E-01	1.04E+02	0.7
11		Mercury	1.00E+00	3.42E-03	1.53E+01	2.0%	6.84E-05	1.05E-03	9.00E-01	1.38E+01	53.4%	1.83E-03	2.52E-02	1.70E+00	2.60E+01	44.6%	1.53E-03	3.97E-02	2.10E-02	3.14E+00	1.32E+01	3.00E-02	1.35E+01	0.2
12		Molybdenum	1.00E+00	3.42E-03	8.08E+00	2.0%	6.84E-05	5.53E-04	5.00E-01	4.04E+00	53.4%	1.83E-03	7.38E-03	5.00E-01	4.04E+00	44.6%	1.53E-03	6.16E-03	2.10E-02	6.71E-01	2.60E-01	3.00E-02	2.66E-01	2.5
13		Nickel	1.00E+00	3.42E-03	5.98E+01	2.0%	6.84E-05	4.09E-03	3.96E-02	2.38E+00	53.4%	1.83E-03	4.34E-03	1.10E+00	6.57E+01	44.6%	1.53E-03	1.00E-01	2.10E-02	5.18E+00	4.00E+01	3.50E-01	4.74E+01	0.1
14		Selenium	1.00E+00	3.42E-03	1.08E+01	2.0%	6.84E-05	7.37E-04	2.40E-01	2.59E+00	53.4%	1.83E-03	4.72E-03	9.90E-01	1.07E+01	44.6%	1.53E-03	1.63E-02	2.10E-02	1.04E+00	2.00E-01	3.50E-01	2.37E-01	4.4
15		Silver	1.00E+00	3.42E-03	7.09E+00	2.0%	6.84E-05	4.85E-04	5.00E-01	3.54E+00	53.4%	1.83E-03	6.47E-03	5.00E-01	3.54E+00	44.6%	1.53E-03	5.41E-03	2.10E-02	5.89E-01	--n/a--	--n/a--	--n/a--	--n/a--	
16		Thallium	1.00E+00	3.42E-03	1.62E+00	2.0%	6.84E-05	1.11E-04	5.00E-01	8.09E-01	53.4%	1.83E-03	1.48E-03	5.00E-01	8.09E-01	44.6%	1.53E-03	1.23E-03	2.10E-02	1.34E-01	7.40E-03	3.65E-01	8.78E-03	15.3	
17		Uranium	1.00E+00	3.42E-03	--n/a--	2.0%	6.84E-05	--n/a--	--n/a--	--n/a--	53.4%	1.83E-03	--n/a--	--n/a--	--n/a--	44.6%	1.53E-03	--n/a--	2.10E-02	--n/a--	3.07E+00	2.80E-02	3.12E+00	--n/a--	
18		Vanadium	1.00E+00	3.42E-03	3.28E+02	2.0%	6.84E-05	2.24E-02	1.33E-02	4.36E+00	53.4%	1.83E-03	7.96E-03	4.20E-02	1.38E+01	44.6%	1.53E-03	2.10E-02	2.10E-02	2.45E+00	2.10E-01	2.60E-01	2.44E-01	10.0	
19		Zinc	1.00E+00	3.42E-03	1.40E+03	2.0%	6.84E-05	9.54E-02	2.63E-01	3.67E+02	53.4%	1.83E-03	6.70E-01	3.20E+00	4.46E+03	44.6%	1.53E-03	6.81E+00	2.10E-02	3.61E+02	1.60E+02	3.50E-01	1.89E+02	1.9	
1		Antimony	1.43E-01	3.42E-03	8.00E+00	2.0%	6.84E-05	5.47E-04	2.00E-01	1.60E+00	53.4%	1.83E-03	2.92E-03	1.00E+00	8.00E+00	44.6%	1.53E-03	1.22E-02	2.10E-02	1.07E-01	1.25E-01	3.00E-02	1.28E-01	0.8
2		Arsenic	1.43E-01	3.42E-03	2.18E+01	2.0%	6.84E-05	1.49E-03	3.80E-02	8.28E-01	53.4%	1.83E-03	1.51E-03	2.20E-01	4.80E+00	44.6%	1.53E-03	7.32E-03	2.10E-02	7.05E-02	1.26E-01	3.00E-02	1.29E-01	0.5
3		Barium	1.43E-01	3.42E-03	8.00E+01	2.0%	6.84E-05	5.47E-03	5.00E-01	4.00E+01	53.4%	1.83E-03	7.31E-02	5.00E-01	4.00E+01	44.6%	1.53E-03	6.10E-02	2.10E-02	9.53E-01	5.10E+00	4.35E-01	6.12E+00	0.2
4		Beryllium	1.43E-01	3.42E-03	2.00E+00	2.0%	6.84E-05	1.37E-04	5.00E-01	1.00E+00	53.4%	1.83E-03	1.83E-03	5.00E-01	1.00E+00	44.6%	1.53E-03	1.53E-03	2.10E-02	2.38E-02	6.60E-01	3.50E-01	7.81E-01	0.0
5		Cadmium	1.43E-01	3.42E-03	1.00E+02	2.0%	6.84E-05	6.84E-03	2.45E-01	2.45E+01	53.4%	1.83E-03	4.47E-02	7.70E+00	7.70E+02	44.6%	1.53E-03	1.17E+00	2.10E-02	8.37E+00	1.00E+00	3.03E-01	1.17E+00	7.1
6		Chromium	1.43E-01	3.42E-03	1.16E+03	2.0%	6.84E-05	7.93E-02	2.64E-02	3.06E+01	53.4%	1.83E-03	5.59E-02	3.10E-01	3.60E+02	44.6%	1.53E-03	5.49E-01	2.10E-02	4.67E+00	2.74E+03	3.50E-01	3.24E+03	0.0
7		Copper	1.43E-01	3.42E-03	1.30E+02	2.0%	6.84E-05	8.89E-03	3.24E-01	4.21E+01	53.4%	1.83E-03	7.69E-02	5.00E-01	6.50E+01	44.6%	1.53E-03	9.91E-02	2.10E-02	1.26E+00	1.17E+01	1.00E+00	1.48E+01	0.1
8		Iron	1.43E-01	3.42E-03	1.38E+04	2.0%	6.84E-05	9.44E-01	5.00E-01	6.90E+03	53.4%	1.83E-03	1.26E+01	5.00E-01	6.90E+03	44.6%	1.53E-03	1.05E+01	2.10E-02	1.64E+02	--n/a--	--n/a--	--n/a--	--n/a--	
9		Lead	1.43E-01	3.42E-03	1.45E+01	2.0%	6.84E-05	9.92E-04	5.60E-01	8.12E+00	53.4%	1.83E-03	1.48E-02	2.70E-01	3.92E+00	44.6%	1.53E-03	5.97E-03	2.10E-02	1.49E-01	8.00E+00	3.50E-01	9.47E+00	0.0	
10		Manganese	1.43E-01	3.42E-03	2.75E+02	2.0%	6.84E-05	1.88E-02	5.00E-01	1.38E+02	53.4%	1.83E-03	2.51E-01	5.00E-01	1.38E+02	44.6%	1.53E-03	2.10E-01	2.10E-02	3.27E+00	8.80E+01	3.50E-01	1.04E+02	0.0	
11		Mercury	1.43E-01	3.42E-03	5.50E-01	2.0%	6.84E-05	3.76E-05	9.00E-01	4.95E-01	53.4%	1.83E-03	9.04E-04	1.70E+00	9.35E-01	44.6%	1.53E-03	1.43E-03	2.10E-02	1.62E-02	1.32E+01	3.00E-02	1.35E+01	0.0	
12		Molybdenum	1.43E-01	3.42E-03	4.00E+01	2.0%	6.84E-05	2.74E-03	5.00E-01	2.00E+01	53.4%	1.83E-03	3.65E-02	5.00E-01	2.00E+01	44.6%	1.53E-03	3.05E-02	2.10E-02	4.76E-01	2.60E-01	3.00E-02	2.66E-01	1.8	
13		Nickel	1.43E-01	3.42E-03	2.20E+02	2.0%	6.84E-05	1.50E-02	3.98E-02	8.76E+00	53.4%	1.83E-03	1.60E-02	1.10E+00	2.42E+02	44.6%	1.53E-03	3.69E-01	2.10E-02	2.73E+00	4.00E+01	3.50E-01	4.74E+01	0.1	
14		Selenium	1.43E-01	3.42E-03	3.90E+01	2.0%	6.84E-05	2.67E-03	2.40E-01	9.36E+00	53.4%	1.83E-03	1.71E-02	9.90E-01	3.86E+01	44.6%	1.53E-03	5.89E-02	2.10E-02	5.37E-01	2.00E-01	3.50E-01	2.37E-01	2.3	
15		Silver	1.43E-01	3.42E-03	6.91E+00	2.0%	6.84E-05	4.73E-04	5.00E-01	3.46E+00	53.4%	1.83E-03	6.31E-03	5.00E-01	3.46E+00	44.6%	1.53E-03	5.27E-03	2.10E-02	8.23E-02	--n/a--	--n/a--	--n/a--	--n/a--	
16		Thallium	1.43E-01	3.42E-03	3.60E+00	2.0%	6.84E-05	2.46E-04	5.00E-01	1.80E+00	53.4%	1.83E-03	3.29E-03	5.00E-01	1.80E+00	44.6%	1.53E-03	2.75E-03	2.10E-02	4.29E-02	7.40E-03	3.65E-01	8.78E-03	4.9	
17		Uranium	1.43E-01	3.42E-03	8.18E+01	2.0%	6.84E-05	5.60E-03	5.00E-01	4.09E+01	53.4%	1.83E-03	7.47E-02	5.00E-01	4.09E+01	44.6%	1.53E-03	6.24E-02	2.10E-02	9.74E-01	3.07E+00	2.80E-02	3.12E+00	0.3	
18		Vanadium	1.43E-01	3.42E-03	1.24E+03	2.0%	6.84E-05	8.48E-02	1.33E-02	1.65E+01	53.4%	1.83E-03	3.01E-02	4.20E-02	5.21E+01	44.6%	1.53E-03	7.94E-02	2.10E-02	1.33E+00	2.10E-01	2.60E-01	2.44E-01	5.4	
19		Zinc	1.43E-01	3.42E-03	1.27E+03	2.0%	6.84E-05	8.69E-02	2.63E-01	3.34E+02	53.4%	1.83E-03	6.10E-01	3.20E+00	4.06E+03	44.6%	1.53E-03	6.20E+00	2.10E-02	4.71E+01	1.60E+02	3.50E-01	1.89E+02	0.2	

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5
[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6
[5] For BAFs see Table 4-13
[6] For SUFs see Table 4-14

TABLE 4-20: HAZARD QUOTIENTS FOR AQUATIC AND RIPARIAN HERBIVOROUS BIRDS: SONG SPARROW
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Site Use Factor	Mean Food Ingest Rate	Riparian Soil				Riparian Plants					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
				C-Soil (95% UCL)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[3]	[7]	[4]			[5]	[1]	[4]			[3]				[2]	
		--	kg/day	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1	Antimony	1.0	6.43E-03	2.85E+00	2.0%	1.29E-04	3.67E-04	2.00E-01	5.71E-01	98.00%	6.31E-03	3.60E-03	2.35E-02	1.69E-01	--n/a--	--n/a--	--n/a--	--n/a--
2	Arsenic	1.0	6.43E-03	7.84E+00	2.0%	1.29E-04	1.01E-03	3.80E-02	2.98E-01	98.00%	6.31E-03	1.88E-03	2.35E-02	1.23E-01	2.46E+00	4.90E-02	2.57E+00	0.0
3	Barium	1.0	6.43E-03	1.17E+02	2.0%	1.29E-04	1.51E-02	5.00E-01	5.87E+01	98.00%	6.31E-03	3.70E-01	2.35E-02	1.64E+01	2.08E+01	1.21E-01	2.30E+01	0.7
4	Beryllium	1.0	6.43E-03	1.43E+00	2.0%	1.29E-04	1.85E-04	5.00E-01	7.17E-01	98.00%	6.31E-03	4.52E-03	2.35E-02	2.01E-01	--n/a--	--n/a--	--n/a--	--n/a--
5	Cadmium	1.0	6.43E-03	2.10E+01	2.0%	1.29E-04	2.70E-03	2.45E-01	5.13E+00	98.00%	6.31E-03	3.24E-02	2.35E-02	1.49E+00	1.45E+00	1.15E+00	1.83E+00	0.8
6	Chromium	1.0	6.43E-03	3.07E+02	2.0%	1.29E-04	3.95E-02	2.64E-02	8.11E+00	98.00%	6.31E-03	5.12E-02	2.35E-02	3.86E+00	1.00E+00	1.25E+00	1.27E+00	3.0
7	Copper	1.0	6.43E-03	5.76E+01	2.0%	1.29E-04	7.41E-03	3.24E-01	1.87E+01	98.00%	6.31E-03	1.18E-01	2.35E-02	5.33E+00	4.70E+01	5.34E-01	5.67E+01	0.1
8	Iron	1.0	6.43E-03	1.66E+04	2.0%	1.29E-04	2.13E+00	5.00E-01	8.28E+03	98.00%	6.31E-03	5.22E+01	2.35E-02	2.31E+03	--n/a--	--n/a--	--n/a--	--n/a--
9	Lead	1.0	6.43E-03	7.87E+01	2.0%	1.29E-04	1.01E-02	5.60E-01	4.41E+01	98.00%	6.31E-03	2.78E-01	2.35E-02	1.23E+01	1.13E+00	1.50E-01	1.26E+00	9.7
10	Manganese	1.0	6.43E-03	9.38E+02	2.0%	1.29E-04	1.21E-01	5.00E-01	4.69E+02	98.00%	6.31E-03	2.96E+00	2.35E-02	1.31E+02	9.77E+02	7.20E-02	1.04E+03	0.1
11	Mercury	1.0	6.43E-03	1.53E+01	2.0%	1.29E-04	1.97E-03	9.00E-01	1.38E+01	98.00%	6.31E-03	8.69E-02	2.35E-02	3.78E+00	4.50E-01	1.50E-01	5.03E-01	7.5
12	Molybdenum	1.0	6.43E-03	8.08E+00	2.0%	1.29E-04	1.04E-03	5.00E-01	4.04E+00	98.00%	6.31E-03	2.55E-02	2.35E-02	1.13E+00	3.50E+00	1.50E+00	4.49E+00	0.3
13	Nickel	1.0	6.43E-03	5.98E+01	2.0%	1.29E-04	7.69E-03	3.98E-02	2.38E+00	98.00%	6.31E-03	1.50E-02	2.35E-02	9.66E-01	7.74E+01	7.82E-01	9.55E+01	0.0
14	Selenium	1.0	6.43E-03	1.08E+01	2.0%	1.29E-04	1.39E-03	2.40E-01	2.59E+00	98.00%	6.31E-03	1.63E-02	2.35E-02	7.54E-01	4.00E-01	1.00E+00	5.01E-01	1.5
15	Silver	1.0	6.43E-03	7.09E+00	2.0%	1.29E-04	9.12E-04	5.00E-01	3.54E+00	98.00%	6.31E-03	2.23E-02	2.35E-02	9.90E-01	--n/a--	--n/a--	--n/a--	--n/a--
16	Thallium	1.0	6.43E-03	1.62E+00	2.0%	1.29E-04	2.08E-04	5.00E-01	8.09E-01	98.00%	6.31E-03	5.10E-03	2.35E-02	2.26E-01	--n/a--	--n/a--	--n/a--	--n/a--
17	Uranium	1.0	6.43E-03	--n/a--	2.0%	1.29E-04	--n/a--	--n/a--	--n/a--	98.00%	6.31E-03	--n/a--	2.35E-02	--n/a--	1.60E+01	1.25E+00	2.03E+01	--n/a--
18	Vanadium	1.0	6.43E-03	3.28E+02	2.0%	1.29E-04	4.22E-02	1.33E-02	4.36E+00	98.00%	6.31E-03	2.75E-02	2.35E-02	2.97E+00	1.14E+01	1.17E+00	1.44E+01	0.2
19	Zinc	1.0	6.43E-03	1.40E+03	2.0%	1.29E-04	1.80E-01	2.63E-01	3.67E+02	98.00%	6.31E-03	2.31E+00	2.35E-02	1.06E+02	1.45E+01	1.94E+00	1.89E+01	5.6

Note:

[1] --n/a-- Not available

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals

[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5

[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6

[5] For BAFs see Table 4-13

[6] For SUFs see Table 4-14

[7] In the absence of designated Riparian Soil analyte concentrations, soil analyte concentrations have been used

TABLE 4-21 TIER 2: HAZARD QUOTIENTS FOR AQUATIC AND RIPARIAN CARNIVOROUS BIRDS: SPOTTED SANDPIPER
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Site Use Factor	Mean Food Ingest Rate	Riparian Soil				Riparian Invertebrates					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
				C-Soil (95% UCL)	Ingest %	IR	Daily Dose	BAF	Assumed C	Ingest %	IR	Daily Dose						
		[6]	[4]	[7]				[5]	[1]				[3]				[2]	
		--	kg/day	mg/kg		kg/day	mg/day		mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1	Antimony	1.0	5.03E-03	2.85E+00	2.0%	1.01E-04	2.87E-04	1.00E+00	2.85E+00	98.0%	4.93E-03	1.41E-02	4.25E-02	3.38E-01	--n/a--	--n/a--	--n/a--	--n/a--
2	Arsenic	1.0	5.03E-03	7.84E+00	2.0%	1.01E-04	7.88E-04	2.20E-01	1.72E+00	98.0%	4.93E-03	8.50E-03	4.25E-02	2.19E-01	2.46E+00	4.90E-02	2.48E+00	0.1
3	Barium	1.0	5.03E-03	1.17E+02	2.0%	1.01E-04	1.18E-02	5.00E-01	5.87E+01	98.0%	4.93E-03	2.90E-01	4.25E-02	7.09E+00	2.08E+01	1.21E-01	2.21E+01	0.3
4	Beryllium	1.0	5.03E-03	1.43E+00	2.0%	1.01E-04	1.44E-04	5.00E-01	7.17E-01	98.0%	4.93E-03	3.54E-03	4.25E-02	8.66E-02	--n/a--	--n/a--	--n/a--	--n/a--
5	Cadmium	1.0	5.03E-03	2.10E+01	2.0%	1.01E-04	2.11E-03	7.70E+00	1.61E+02	98.0%	4.93E-03	7.95E-01	4.25E-02	1.88E+01	1.45E+00	1.15E+00	1.77E+00	10.6
6	Chromium	1.0	5.03E-03	3.07E+02	2.0%	1.01E-04	3.09E-02	3.10E-01	9.53E+01	98.0%	4.93E-03	4.70E-01	4.25E-02	1.18E+01	1.00E+00	1.25E+00	1.22E+00	9.6
7	Copper	1.0	5.03E-03	5.76E+01	2.0%	1.01E-04	5.79E-03	5.00E-01	2.88E+01	98.0%	4.93E-03	1.42E-01	4.25E-02	3.48E+00	4.70E+01	5.34E-01	5.47E+01	0.1
8	Iron	1.0	5.03E-03	1.66E+04	2.0%	1.01E-04	1.67E+00	5.00E-01	8.28E+03	98.0%	4.93E-03	4.08E+01	4.25E-02	1.00E+03	--n/a--	--n/a--	--n/a--	--n/a--
9	Lead	1.0	5.03E-03	7.87E+01	2.0%	1.01E-04	7.92E-03	2.70E-01	2.12E+01	98.0%	4.93E-03	1.05E-01	4.25E-02	2.65E+00	1.13E+00	1.50E-01	1.22E+00	2.2
10	Manganese	1.0	5.03E-03	9.38E+02	2.0%	1.01E-04	9.43E-02	5.00E-01	4.69E+02	98.0%	4.93E-03	2.31E+00	4.25E-02	5.66E+01	9.77E+02	7.20E-02	1.01E+03	0.1
11	Mercury	1.0	5.03E-03	1.53E+01	2.0%	1.01E-04	1.54E-03	1.70E+00	2.60E+01	98.0%	4.93E-03	1.28E-01	4.25E-02	3.05E+00	4.50E-01	1.50E-01	4.85E-01	6.3
12	Molybdenum	1.0	5.03E-03	8.08E+00	2.0%	1.01E-04	8.13E-04	5.00E-01	4.04E+00	98.0%	4.93E-03	1.99E-02	4.25E-02	4.88E-01	3.50E+00	1.50E+00	4.33E+00	0.1
13	Nickel	1.0	5.03E-03	5.98E+01	2.0%	1.01E-04	6.01E-03	1.10E+00	6.57E+01	98.0%	4.93E-03	3.24E-01	4.25E-02	7.77E+00	7.74E+01	7.82E-01	9.22E+01	0.1
14	Selenium	1.0	5.03E-03	1.08E+01	2.0%	1.01E-04	1.08E-03	9.90E-01	1.07E+01	98.0%	4.93E-03	5.26E-02	4.25E-02	1.26E+00	4.00E-01	1.00E+00	4.83E-01	2.6
15	Silver	1.0	5.03E-03	7.09E+00	2.0%	1.01E-04	7.13E-04	5.00E-01	3.54E+00	98.0%	4.93E-03	1.75E-02	4.25E-02	4.28E-01	--n/a--	--n/a--	--n/a--	--n/a--
16	Thallium	1.0	5.03E-03	1.62E+00	2.0%	1.01E-04	1.63E-04	5.00E-01	8.09E-01	98.0%	4.93E-03	3.99E-03	4.25E-02	9.77E-02	--n/a--	--n/a--	--n/a--	--n/a--
17	Uranium	1.0	5.03E-03	--n/a--	2.0%	1.01E-04	--n/a--	--n/a--	--n/a--	98.0%	4.93E-03	--n/a--	4.25E-02	--n/a--	1.60E+01	1.25E+00	1.96E+01	--n/a--
18	Vanadium	1.0	5.03E-03	3.28E+02	2.0%	1.01E-04	3.30E-02	4.20E-02	1.38E+01	98.0%	4.93E-03	6.79E-02	4.25E-02	2.37E+00	1.14E+01	1.17E+00	1.39E+01	0.2
19	Zinc	1.0	5.03E-03	1.40E+03	2.0%	1.01E-04	1.40E-01	3.20E+00	4.46E+03	98.0%	4.93E-03	2.20E+01	4.25E-02	5.21E+02	1.45E+01	1.94E+00	1.82E+01	28.6

Note:

[1] --n/a-- Not available

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals

[3] From EPA "Wildlife Exposure Factors Handbook", Volume 2 of 2, EPA/600/R-93/187, December 1993. Page 2-152 mean adult weight in kg

[4] From EPA "Wildlife Exposure Factors Handbook", Volume 2 of 2, EPA/600/R-93/187, December 1993. Page 3-4 food ingest rate (kg/day) = 0.052 x (body weight in kg) ^ 0.651

[5] For BAFs see Table 4-13

[6] For SUFs see Table 4-14

[7] In the absence of designated Riparian Soil analyte concentrations, soil analyte concentrations have been used

TABLE 4-22 TIER 2: HAZARD QUOTIENTS FOR AQUATIC AND BENTHIC FEEDING BIRDS: MALLARD
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Site Use Factor	Mean Food Ingest Rate	Sediment				Surface Water				Aquatic Plants					Aquatic Benthic Invertebrates					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
				C-Sed (maximum)	% Ingest	IR	Daily Dose	C-SW (95% UCL)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
		[6]	[3]		[4]				[4]	[3]		[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
		--	kg/day	mg/kg		kg/day	mg/day	mg/L		L/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1	Aluminum	0.3	9.02E-02	1.90E+04	3.3%	2.98E-03	5.68E+01	1.33E+00	n/a	8.80E-02	1.17E-01	5.00E-01	9.50E+03	24.5%	2.21E-02	2.18E+02	5.00E-01	9.50E+03	72.2%	6.51E-02	6.19E+02	1.13E+00	2.48E+02	1.10E+02	1.55E-01	1.63E+02	1.5
2	Antimony	0.3	9.02E-02	4.80E+00	3.3%	2.98E-03	1.43E-02	1.04E-03	n/a	8.80E-02	9.11E-05	5.00E-01	2.40E+00	24.5%	2.21E-02	5.30E-02	5.00E-01	2.40E+00	72.2%	6.51E-02	1.56E-01	1.13E+00	6.26E-02	--n/a--	--n/a--	--n/a--	--n/a--
3	Arsenic	0.3	9.02E-02	1.82E+01	3.3%	2.98E-03	5.42E-02	5.30E-03	n/a	8.80E-02	4.66E-04	5.00E-01	9.10E+00	24.5%	2.21E-02	2.01E-01	5.00E-01	9.10E+00	72.2%	6.51E-02	5.93E-01	1.13E+00	2.37E-01	5.14E+00	1.00E+00	5.27E+00	0.0
4	Barium	0.3	9.02E-02	1.52E+02	3.3%	2.98E-03	4.52E-01	4.12E-02	n/a	8.80E-02	3.63E-03	5.00E-01	7.60E+01	24.5%	2.21E-02	1.68E+00	5.00E-01	7.60E+01	72.2%	6.51E-02	4.95E+00	1.13E+00	1.98E+00	2.08E+01	1.21E-01	3.25E+01	0.1
5	Beryllium	0.3	9.02E-02	9.00E-01	3.3%	2.98E-03	2.68E-03	2.17E-03	n/a	8.80E-02	1.91E-04	5.00E-01	4.50E-01	24.5%	2.21E-02	9.95E-03	5.00E-01	4.50E-01	72.2%	6.51E-02	2.93E-02	1.13E+00	1.18E-02	--n/a--	--n/a--	--n/a--	--n/a--
6	Cadmium	0.3	9.02E-02	4.43E+01	3.3%	2.98E-03	1.32E-01	6.35E-03	n/a	8.80E-02	5.59E-04	2.54E-01	1.13E+01	24.5%	2.21E-02	2.49E-01	6.88E-02	3.05E+00	72.2%	6.51E-02	1.99E-01	1.13E+00	1.62E-01	1.45E+00	1.15E+00	1.45E+00	0.1
7	Chromium	0.3	9.02E-02	6.06E+02	3.3%	2.98E-03	1.80E+00	4.63E-02	n/a	8.80E-02	4.07E-03	3.46E-01	2.10E+02	24.5%	2.21E-02	4.63E+00	1.07E-01	6.46E+01	72.2%	6.51E-02	4.21E+00	1.13E+00	2.98E+00	1.00E+00	1.25E+00	9.81E-01	3.0
8	Copper	0.3	9.02E-02	8.10E+01	3.3%	2.98E-03	2.41E-01	1.44E-02	n/a	8.80E-02	1.27E-03	4.41E-01	3.57E+01	24.5%	2.21E-02	7.89E-01	5.00E-01	4.05E+01	72.2%	6.51E-02	2.64E+00	1.13E+00	1.03E+00	4.70E+01	5.34E-01	5.46E+01	0.0
9	Iron	0.3	9.02E-02	1.60E+04	3.3%	2.98E-03	4.76E+01	1.68E+00	n/a	8.80E-02	1.48E-01	5.00E-01	8.00E+03	24.5%	2.21E-02	1.77E+02	5.00E-01	8.00E+03	72.2%	6.51E-02	5.21E+02	1.13E+00	2.09E+02	--n/a--	--n/a--	--n/a--	--n/a--
10	Lead	0.3	9.02E-02	1.36E+01	3.3%	2.98E-03	4.05E-02	1.42E-03	n/a	8.80E-02	1.25E-04	5.00E-01	6.80E+00	24.5%	2.21E-02	1.50E-01	5.00E-01	6.80E+00	72.2%	6.51E-02	4.43E-01	1.13E+00	1.77E-01	1.13E+00	1.50E-01	1.69E+00	0.1
11	Manganese	0.3	9.02E-02	7.88E+02	3.3%	2.98E-03	2.35E+00	5.72E-02	n/a	8.80E-02	5.03E-03	5.00E-01	3.94E+02	24.5%	2.21E-02	8.71E+00	5.00E-01	3.94E+02	72.2%	6.51E-02	2.57E+01	1.13E+00	1.03E+01	9.77E+02	7.20E-02	1.70E+03	0.0
12	Mercury	0.3	9.02E-02	2.80E-01	3.3%	2.98E-03	8.34E-04	2.63E-04	n/a	8.80E-02	2.31E-05	5.00E-01	1.40E-01	24.5%	2.21E-02	3.09E-03	5.00E-01	1.40E-01	72.2%	6.51E-02	9.12E-03	1.13E+00	3.66E-03	4.50E-01	1.50E-01	6.74E-01	0.0
13	Molybdenum	0.3	9.02E-02	2.50E+01	3.3%	2.98E-03	7.44E-02	4.73E-02	n/a	8.80E-02	4.16E-03	5.00E-01	1.25E+01	24.5%	2.21E-02	2.76E-01	5.00E-01	1.25E+01	72.2%	6.51E-02	8.14E-01	1.13E+00	3.27E-01	3.50E+00	1.50E+00	3.31E+00	0.1
14	Nickel	0.3	9.02E-02	1.39E+02	3.3%	2.98E-03	4.14E-01	1.69E-02	n/a	8.80E-02	1.49E-03	3.05E-01	4.24E+01	24.5%	2.21E-02	9.37E-01	1.79E-01	2.50E+01	72.2%	6.51E-02	1.63E+00	1.13E+00	5.33E-01	7.74E+01	7.82E-01	8.34E+01	0.0
15	Selenium	0.3	9.02E-02	3.60E+01	3.3%	2.98E-03	1.07E-01	1.65E-02	n/a	8.80E-02	1.45E-03	8.17E-01	2.94E+01	24.5%	2.21E-02	6.50E-01	9.75E-01	3.51E+01	72.2%	6.51E-02	2.29E+00	1.13E+00	8.51E-01	4.00E-01	1.00E+00	4.10E-01	2.1
16	Silver	0.3	9.02E-02	4.45E+00	3.3%	2.98E-03	1.32E-02	3.66E-04	n/a	8.80E-02	3.22E-05	5.00E-01	2.23E+00	24.5%	2.21E-02	4.92E-02	5.00E-01	2.23E+00	72.2%	6.51E-02	1.45E-01	1.13E+00	5.80E-02	--n/a--	--n/a--	--n/a--	--n/a--
17	Thallium	0.3	9.02E-02	1.94E+00	3.3%	2.98E-03	5.78E-03	4.99E-04	n/a	8.80E-02	4.39E-05	5.00E-01	9.70E-01	24.5%	2.21E-02	2.14E-02	5.00E-01	9.70E-01	72.2%	6.51E-02	6.32E-02	1.13E+00	2.53E-02	--n/a--	--n/a--	--n/a--	--n/a--
18	Uranium	0.3	9.02E-02	--n/a--	3.3%	2.98E-03	--n/a--	--n/a--	n/a	8.80E-02	--n/a--	--n/a--	--n/a--	24.5%	2.21E-02	--n/a--	--n/a--	--n/a--	72.2%	6.51E-02	--n/a--	1.13E+00	--n/a--	1.60E+01	1.25E+00	1.57E+01	--n/a--
19	Vanadium	0.3	9.02E-02	6.08E+02	3.3%	2.98E-03	1.81E+00	7.71E-02	n/a	8.80E-02	6.78E-03	6.60E-02	4.01E+01	24.5%	2.21E-02	8.87E-01	1.79E-02	1.09E+01	72.2%	6.51E-02	7.10E-01	1.13E+00	9.55E-01	1.14E+01	1.17E+00	1.13E+01	0.1
20	Zinc	0.3	9.02E-02	8.21E+02	3.3%	2.98E-03	2.44E+00	8.15E-02	n/a	8.80E-02	7.17E-03	4.39E-01	3.60E+02	24.5%	2.21E-02	7.97E+00	2.79E-01	2.29E+02	72.2%	6.51E-02	1.49E+01	1.13E+00	7.09E+00	1.45E+01	1.94E+00	1.30E+01	0.5

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G . Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002). Table 7-5
[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002). Section 7-6
[5] For BAFs see Table 4-13
[6] For SUFs see Table 4-14

TABLE 4-23 TIER 2: HAZARD QUOTIENTS FOR AQUATIC AND RIPARIAN OMNIVOROUS MAMMALS: RACCOON
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Analyte	Site Use Factor	Mean Food Ingest Rate	Sediment				Surface Water				Aquatic Plants					Riparian Plants					
				C-Sed (maximum)	% Ingest	IR	Daily Dose	C-SW (95% UCL)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	C-Soil (95% UCL)	BAF	Assumed C	% Ingest	IR	Daily Dose
		[6]	[3]		[4]				[4]	[3]		[5]	[1]	[4]				[5]	[1]	[4]		
		–	kg/day	mg/kg		kg/day	mg/day	mg/L		L/day	mg/day	–	mg/kg		kg/day	mg/day	mg/kg	–	mg/kg		kg/day	mg/day
1	Aluminum	0.02	1.69E-01	1.90E+04	9.4%	1.58E-02	3.01E+02	1.33E+00	n/a	4.89E-01	6.50E-01	5.00E-01	9.50E+03	24.0%	4.05E-02	3.84E+02	2.17E+04	5.00E-01	1.09E+04	24.0%	4.05E-02	4.39E+02
2	Antimony	0.02	1.69E-01	4.80E+00	9.4%	1.58E-02	7.61E-02	1.04E-03	n/a	4.89E-01	5.06E-04	5.00E-01	2.40E+00	24.0%	4.05E-02	9.71E-02	2.85E+00	5.00E-01	1.43E+00	24.0%	4.05E-02	5.77E-02
3	Arsenic	0.02	1.69E-01	1.82E+01	9.4%	1.58E-02	2.88E-01	5.30E-03	n/a	4.89E-01	2.59E-03	5.00E-01	9.10E+00	24.0%	4.05E-02	3.68E-01	7.84E+00	5.00E-01	3.92E+00	24.0%	4.05E-02	1.59E-01
4	Barium	0.02	1.69E-01	1.52E+02	9.4%	1.58E-02	2.41E+00	4.12E-02	n/a	4.89E-01	2.02E-02	5.00E-01	7.60E+01	24.0%	4.05E-02	3.07E+00	1.17E+02	5.00E-01	5.87E+01	24.0%	4.05E-02	2.38E+00
5	Beryllium	0.02	1.69E-01	9.00E-01	9.4%	1.58E-02	1.43E-02	2.17E-03	n/a	4.89E-01	1.06E-03	5.00E-01	4.50E-01	24.0%	4.05E-02	1.82E-02	1.43E+00	5.00E-01	7.17E-01	24.0%	4.05E-02	2.90E-02
6	Cadmium	0.02	1.69E-01	4.43E+01	9.4%	1.58E-02	7.02E-01	6.35E-03	n/a	4.89E-01	3.11E-03	2.54E-01	1.13E+01	24.0%	4.05E-02	4.55E-01	2.10E+01	4.71E-01	9.87E+00	24.0%	4.05E-02	3.99E-01
7	Chromium	0.02	1.69E-01	6.06E+02	9.4%	1.58E-02	9.60E+00	4.63E-02	n/a	4.89E-01	2.26E-02	3.46E-01	2.10E+02	24.0%	4.05E-02	8.48E+00	3.07E+02	2.73E-02	8.39E+00	24.0%	4.05E-02	3.39E-01
8	Copper	0.02	1.69E-01	8.10E+01	9.4%	1.58E-02	1.28E+00	1.44E-02	n/a	4.89E-01	7.06E-03	4.41E-01	3.57E+01	24.0%	4.05E-02	1.45E+00	5.76E+01	3.55E-01	2.04E+01	24.0%	4.05E-02	8.27E-01
9	Iron	0.02	1.69E-01	1.60E+04	9.4%	1.58E-02	2.54E+02	1.68E+00	n/a	4.89E-01	8.22E-01	5.00E-01	8.00E+03	24.0%	4.05E-02	3.24E+02	1.66E+04	5.00E-01	8.28E+03	24.0%	4.05E-02	3.35E+02
10	Lead	0.02	1.69E-01	1.36E+01	9.4%	1.58E-02	2.15E-01	1.42E-03	n/a	4.89E-01	6.95E-04	5.00E-01	6.80E+00	24.0%	4.05E-02	2.75E-01	7.87E+01	5.00E-01	3.94E+01	24.0%	4.05E-02	1.59E+00
11	Manganese	0.02	1.69E-01	7.88E+02	9.4%	1.58E-02	1.25E+01	5.72E-02	n/a	4.89E-01	2.80E-02	5.00E-01	3.94E+02	24.0%	4.05E-02	1.59E+01	9.38E+02	5.00E-01	4.69E+02	24.0%	4.05E-02	1.90E+01
12	Mercury	0.02	1.69E-01	2.80E-01	9.4%	1.58E-02	4.44E-03	2.63E-04	n/a	4.89E-01	1.29E-04	5.00E-01	1.40E-01	24.0%	4.05E-02	5.66E-03	1.53E+01	5.00E-01	7.65E+00	24.0%	4.05E-02	3.10E-01
13	Molybdenum	0.02	1.69E-01	2.50E+01	9.4%	1.58E-02	3.96E-01	4.73E-02	n/a	4.89E-01	2.31E-02	5.00E-01	1.25E+01	24.0%	4.05E-02	5.06E-01	8.08E+00	5.00E-01	4.04E+00	24.0%	4.05E-02	1.63E-01
14	Nickel	0.02	1.69E-01	1.39E+02	9.4%	1.58E-02	2.20E+00	1.69E-02	n/a	4.89E-01	8.26E-03	3.05E-01	4.24E+01	24.0%	4.05E-02	1.72E+00	5.98E+01	4.94E-02	2.95E+00	24.0%	4.05E-02	1.19E-01
15	Selenium	0.02	1.69E-01	3.60E+01	9.4%	1.58E-02	5.70E-01	1.65E-02	n/a	4.89E-01	8.08E-03	8.17E-01	2.94E+01	24.0%	4.05E-02	1.19E+00	1.08E+01	3.20E-01	3.45E+00	24.0%	4.05E-02	1.40E-01
16	Silver	0.02	1.69E-01	4.45E+00	9.4%	1.58E-02	7.05E-02	3.66E-04	n/a	4.89E-01	1.79E-04	5.00E-01	2.23E+00	24.0%	4.05E-02	9.00E-02	7.09E+00	5.00E-01	3.54E+00	24.0%	4.05E-02	1.43E-01
17	Thallium	0.02	1.69E-01	1.94E+00	9.4%	1.58E-02	3.07E-02	4.99E-04	n/a	4.89E-01	2.44E-04	5.00E-01	9.70E-01	24.0%	4.05E-02	3.92E-02	1.62E+00	5.00E-01	8.09E-01	24.0%	4.05E-02	3.27E-02
18	Uranium	0.02	1.69E-01	--n/a--	9.4%	1.58E-02	--n/a--	--n/a--	n/a	4.89E-01	--n/a--	--n/a--	--n/a--	24.0%	4.05E-02	--n/a--	--n/a--	--n/a--	--n/a--	24.0%	4.05E-02	--n/a--
19	Vanadium	0.02	1.69E-01	6.08E+02	9.4%	1.58E-02	9.63E+00	7.71E-02	n/a	4.89E-01	3.77E-02	6.60E-02	4.01E+01	24.0%	4.05E-02	1.62E+00	3.28E+02	1.75E-02	5.74E+00	24.0%	4.05E-02	2.32E-01
20	Zinc	0.02	1.69E-01	8.21E+02	9.4%	1.58E-02	1.30E+01	8.15E-02	n/a	4.89E-01	3.99E-02	4.39E-01	3.60E+02	24.0%	4.05E-02	1.46E+01	1.40E+03	3.86E-01	5.39E+02	24.0%	4.05E-02	2.18E+01

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5
[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6
[5] For BAFs see Table 4-13
[6] For SUFs see Table 4-14

TABLE 4-23 TIER 2: HAZARD QUOTIENTS FOR AQUATIC AND RIPARIAN OMNIVOROUS MAMMALS: RACCOON
Central Farmers Fertilizer Facility, Georgetown Canyon
-- continued --

Aquatic Invertebrates					Small Mammals					Fish					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
[5]	[1]	[4]			[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
5.00E-01	6.65E-01	31.7%	5.34E-02	3.55E-02	5.00E-01	1.09E+04	9.1%	1.53E-02	1.67E+02	5.00E-01	6.65E-01	1.8%	3.03E-03	2.02E-03	6.67E+00	3.27E+01	1.93E+00	3.00E-02	5.69E+00	5.7
5.00E-01	5.18E-04	31.7%	5.34E-02	2.77E-05	5.00E-02	1.43E-01	9.1%	1.53E-02	2.19E-03	5.00E-01	5.18E-04	1.8%	3.03E-03	1.57E-06	6.67E+00	5.91E-03	1.25E-01	3.00E-02	3.68E-01	0.0
5.00E-01	2.65E-03	31.7%	5.34E-02	1.42E-04	2.50E-03	1.96E-02	9.1%	1.53E-02	3.01E-04	5.00E-01	2.65E-03	1.8%	3.03E-03	8.04E-06	6.67E+00	2.07E-02	1.26E-01	3.00E-02	3.71E-01	0.1
5.00E-01	2.06E-02	31.7%	5.34E-02	1.10E-03	5.00E-01	5.87E+01	9.1%	1.53E-02	9.01E-01	5.00E-01	2.06E-02	1.8%	3.03E-03	6.26E-05	6.67E+00	2.22E-01	5.10E+00	4.35E-01	8.80E+00	0.0
5.00E-01	1.08E-03	31.7%	5.34E-02	5.78E-05	5.00E-01	7.17E-01	9.1%	1.53E-02	1.10E-02	5.00E-01	1.08E-03	1.8%	3.03E-03	3.28E-06	6.67E+00	1.86E-03	6.60E-01	3.50E-01	1.19E+00	0.0
2.26E+05	1.43E+03	31.7%	5.34E-02	7.66E+01	3.30E-01	6.92E+00	9.1%	1.53E-02	1.06E-01	4.84E+03	3.07E+01	1.8%	3.03E-03	9.33E-02	6.67E+00	1.98E+00	1.00E+00	3.03E-01	1.86E+00	1.1
5.65E+03	2.62E+02	31.7%	5.34E-02	1.40E+01	8.50E-02	2.61E+01	9.1%	1.53E-02	4.01E-01	7.83E+02	3.62E+01	1.8%	3.03E-03	1.10E-01	6.67E+00	8.33E-01	2.74E+03	3.50E-01	4.93E+03	0.0
5.00E-01	7.22E-03	31.7%	5.34E-02	3.86E-04	5.00E-01	2.88E+01	9.1%	1.53E-02	4.42E-01	5.00E-01	7.22E-03	1.8%	3.03E-03	2.19E-05	6.67E+00	1.01E-01	1.17E+01	1.00E+00	1.71E+01	0.0
5.00E-01	8.41E-01	31.7%	5.34E-02	4.49E-02	5.00E-01	8.28E+03	9.1%	1.53E-02	1.27E+02	5.00E-01	8.41E-01	1.8%	3.03E-03	2.55E-03	6.67E+00	2.63E+01	--n/a--	--n/a--	--n/a--	--n/a--
5.00E-01	7.11E-04	31.7%	5.34E-02	3.80E-05	1.10E-01	8.66E+00	9.1%	1.53E-02	1.33E-01	5.00E-01	7.11E-04	1.8%	3.03E-03	2.16E-06	6.67E+00	5.60E-02	8.00E+00	3.50E-01	1.44E+01	0.0
5.00E-01	2.86E-02	31.7%	5.34E-02	1.53E-03	5.00E-01	4.69E+02	9.1%	1.53E-02	7.19E+00	5.00E-01	2.86E-02	1.8%	3.03E-03	8.67E-05	6.67E+00	1.38E+00	8.80E+01	3.50E-01	1.59E+02	0.0
5.00E-01	1.32E-04	31.7%	5.34E-02	7.03E-06	5.40E-02	8.27E-01	9.1%	1.53E-02	1.27E-02	5.00E-01	1.32E-04	1.8%	3.03E-03	3.99E-07	6.67E+00	8.41E-03	1.00E+00	1.00E+00	1.46E+00	0.0
5.00E-01	2.36E-02	31.7%	5.34E-02	1.26E-03	5.00E-01	4.04E+00	9.1%	1.53E-02	6.20E-02	5.00E-01	2.36E-02	1.8%	3.03E-03	7.17E-05	6.67E+00	2.91E-02	2.60E-01	3.00E-02	7.66E-01	0.0
2.79E+02	4.72E+00	31.7%	5.34E-02	2.52E-01	2.50E-01	1.49E+01	9.1%	1.53E-02	2.29E-01	2.79E+01	4.72E-01	1.8%	3.03E-03	1.43E-03	6.67E+00	1.15E-01	4.00E+01	3.50E-01	7.21E+01	0.0
2.28E+02	3.77E+00	31.7%	5.34E-02	2.01E-01	1.60E-01	1.72E+00	9.1%	1.53E-02	2.65E-02	2.89E+01	4.78E-01	1.8%	3.03E-03	1.45E-03	6.67E+00	5.40E-02	2.00E-01	3.50E-01	3.61E-01	0.1
5.00E-01	1.83E-04	31.7%	5.34E-02	9.78E-06	5.00E-01	3.54E+00	9.1%	1.53E-02	5.44E-02	5.00E-01	1.83E-04	1.8%	3.03E-03	5.55E-07	6.67E+00	9.06E-03	--n/a--	--n/a--	--n/a--	--n/a--
5.00E-01	2.50E-04	31.7%	5.34E-02	1.33E-05	5.00E-01	8.09E-01	9.1%	1.53E-02	1.24E-02	5.00E-01	2.50E-04	1.8%	3.03E-03	7.57E-07	6.67E+00	2.92E-03	7.40E-03	3.65E-01	1.32E-02	0.2
--n/a--	--n/a--	31.7%	5.34E-02	--n/a--	--n/a--	--n/a--	9.1%	1.53E-02	--n/a--	--n/a--	--n/a--	1.8%	3.03E-03	--n/a--	6.67E+00	--n/a--	3.07E+00	2.80E-02	9.17E+00	--n/a--
1.00E+04	7.71E+02	31.7%	5.34E-02	4.12E+01	1.20E-02	3.93E+00	9.1%	1.53E-02	6.03E-02	4.84E+01	3.73E+00	1.8%	3.03E-03	1.13E-02	6.67E+00	1.33E+00	2.10E-01	2.60E-01	4.02E-01	3.3
3.64E+03	2.96E+02	31.7%	5.34E-02	1.58E+01	7.70E-01	1.07E+03	9.1%	1.53E-02	1.65E+01	1.13E+03	9.19E+01	1.8%	3.03E-03	2.79E-01	6.67E+00	2.07E+00	1.60E+02	3.50E-01	2.88E+02	0.0

Note:

[1] If BAF is --n/a--, then BAF assumed to be 1.0 and C-Aquatic Plants = C-Riparian Plants = C-Soil, C-Aquatic Invertebrates = C-Surface Water, C-Small mammals = C-Soil, C-Fish = C-Surface Water

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals

[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5

[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6

[5] For BAFs see Table 4-13

[6] For SUFs see Table 4-14

TABLE 4-24 TIER 2: HAZARD QUOTIENTS FOR CARNIVOROUS MAMMALS: COYOTE
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Surface Water				Plants					Small Mammals					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL) C-Ore (maximum)	% Ingest	IR	Daily Dose	C-SW (95% UCL)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[6]	[3]		[4]				[4]	[3]	[7]	[5]	[1]	[4]			[5]	[1]	[4]			[3]				[2]	
			--	kg/day	mg/kg		kg/day	mg/day	mg/L		L/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1	Soil Component from Soil	Aluminum	1.00E-02	2.29E-01	2.17E+04	2.8%	6.42E-03	1.39E+02	1.33E+00	--n/a--	8.22E-01	1.09E+00	5.00E-01	1.09E+04	9.7%	2.22E-02	2.42E+02	5.00E-01	1.09E+04	87.5%	2.01E-01	2.18E+03	1.05E+01	2.44E+00	1.93E+00	3.00E-02	6.23E+00	0.4
2		Antimony	1.00E-02	2.29E-01	2.85E+00	2.8%	6.42E-03	1.83E-02	1.04E-03	--n/a--	8.22E-01	8.51E-04	2.00E-01	5.71E-01	9.7%	2.22E-02	1.27E-02	5.00E-02	1.43E-01	87.5%	2.01E-01	2.86E-02	1.05E+01	5.77E-05	1.25E-01	3.00E-02	4.03E-01	0.0
3		Arsenic	1.00E-02	2.29E-01	7.84E+00	2.8%	6.42E-03	5.03E-02	5.30E-03	--n/a--	8.22E-01	4.35E-03	3.80E-02	2.98E-01	9.7%	2.22E-02	6.63E-03	2.50E-03	1.96E-02	87.5%	2.01E-01	3.93E-03	1.05E+01	6.21E-05	1.26E-01	3.00E-02	4.07E-01	0.0
4		Barium	1.00E-02	2.29E-01	1.17E+02	2.8%	6.42E-03	7.54E-01	4.12E-02	--n/a--	8.22E-01	3.39E-02	5.00E-01	5.87E+01	9.7%	2.22E-02	1.31E+00	5.00E-01	5.87E+01	87.5%	2.01E-01	1.18E+01	1.05E+01	1.32E-02	5.10E+00	4.35E-01	9.64E+00	0.0
5		Beryllium	1.00E-02	2.29E-01	1.43E+00	2.8%	6.42E-03	9.21E-03	2.17E-03	--n/a--	8.22E-01	1.78E-03	5.00E-01	7.17E-01	9.7%	2.22E-02	1.60E-02	5.00E-01	7.17E-01	87.5%	2.01E-01	1.44E-01	1.05E+01	1.63E-04	6.60E-01	3.50E-01	1.30E+00	0.0
6		Cadmium	1.00E-02	2.29E-01	2.10E+01	2.8%	6.42E-03	1.35E-01	6.35E-03	--n/a--	8.22E-01	5.22E-03	2.45E-01	5.13E+00	9.7%	2.22E-02	1.14E-01	3.30E-01	6.92E+00	87.5%	2.01E-01	1.39E+00	1.05E+01	1.58E-03	1.00E+00	3.03E-01	2.03E+00	0.0
7		Chromium	1.00E-02	2.29E-01	3.07E+02	2.8%	6.42E-03	1.97E+00	4.63E-02	--n/a--	8.22E-01	3.80E-02	2.84E-02	8.11E+00	9.7%	2.22E-02	1.80E-01	8.50E-02	2.61E+01	87.5%	2.01E-01	5.24E+00	1.05E+01	7.09E-03	2.74E+03	3.50E-01	5.40E+03	0.0
8		Copper	1.00E-02	2.29E-01	5.78E+01	2.8%	6.42E-03	3.70E-01	1.44E-02	--n/a--	8.22E-01	1.19E-02	3.24E-01	1.87E+01	9.7%	2.22E-02	4.15E-01	5.00E-01	2.88E+01	87.5%	2.01E-01	5.78E+00	1.05E+01	6.26E-03	1.17E+01	1.00E+00	1.87E+01	0.0
9		Iron	1.00E-02	2.29E-01	1.66E+04	2.8%	6.42E-03	1.08E+02	1.68E+00	--n/a--	8.22E-01	1.38E+00	5.00E-01	8.28E+03	9.7%	2.22E-02	1.84E+02	5.00E-01	8.28E+03	87.5%	2.01E-01	1.66E+03	1.05E+01	1.88E+00	--n/a--	--n/a--	--n/a--	--n/a--
10		Lead	1.00E-02	2.29E-01	7.87E+01	2.8%	6.42E-03	5.05E-01	1.42E-03	--n/a--	8.22E-01	1.17E-03	5.80E-01	4.41E+01	9.7%	2.22E-02	9.81E-01	1.10E-01	8.66E+00	87.5%	2.01E-01	1.74E+00	1.05E+01	3.07E-03	8.00E+00	3.50E-01	1.58E+01	0.0
11		Manganese	1.00E-02	2.29E-01	9.38E+02	2.8%	6.42E-03	6.02E+00	5.72E-02	--n/a--	8.22E-01	4.70E-02	5.00E-01	4.69E+02	9.7%	2.22E-02	1.04E+01	5.00E-01	4.69E+02	87.5%	2.01E-01	9.41E+01	1.05E+01	1.05E-01	8.80E+01	3.50E-01	1.74E+02	0.0
12		Mercury	1.00E-02	2.29E-01	1.53E+01	2.8%	6.42E-03	9.83E-02	2.63E-04	--n/a--	8.22E-01	2.16E-04	9.00E-01	1.38E+01	9.7%	2.22E-02	3.07E-01	5.40E-02	8.27E-01	87.5%	2.01E-01	1.66E-01	1.05E+01	5.44E-04	1.00E+00	1.00E+00	1.60E+00	0.0
13		Molybdenum	1.00E-02	2.29E-01	8.08E+00	2.8%	6.42E-03	5.19E-02	4.73E-02	--n/a--	8.22E-01	3.89E-02	5.00E-01	4.04E+00	9.7%	2.22E-02	8.99E-02	5.00E-01	4.04E+00	87.5%	2.01E-01	8.11E-01	1.05E+01	9.45E-04	2.80E-01	3.00E-02	8.39E-01	0.0
14		Nickel	1.00E-02	2.29E-01	5.98E+01	2.8%	6.42E-03	3.84E-01	1.69E-02	--n/a--	8.22E-01	1.39E-02	3.98E-02	2.38E+00	9.7%	2.22E-02	5.29E-02	2.50E-01	1.49E+01	87.5%	2.01E-01	3.00E+00	1.05E+01	3.29E-03	4.00E+01	3.50E-01	7.90E+01	0.0
15		Selenium	1.00E-02	2.29E-01	1.08E+01	2.8%	6.42E-03	6.92E-02	1.65E-02	--n/a--	8.22E-01	1.36E-02	2.40E-01	2.59E+00	9.7%	2.22E-02	5.76E-02	1.60E-01	1.72E+00	87.5%	2.01E-01	3.46E-01	1.05E+01	4.63E-04	2.00E-01	3.50E-01	3.95E-01	0.0
16		Silver	1.00E-02	2.29E-01	7.09E+00	2.8%	6.42E-03	4.55E-02	3.66E-04	--n/a--	8.22E-01	3.01E-04	5.00E-01	3.54E+00	9.7%	2.22E-02	7.88E-02	5.00E-01	3.54E+00	87.5%	2.01E-01	7.11E-01	1.05E+01	7.08E-04	--n/a--	--n/a--	--n/a--	--n/a--
17		Thallium	1.00E-02	2.29E-01	1.62E+00	2.8%	6.42E-03	1.04E-02	4.99E-04	--n/a--	8.22E-01	4.10E-04	5.00E-01	8.09E-01	9.7%	2.22E-02	1.80E-02	5.00E-01	8.09E-01	87.5%	2.01E-01	1.62E-01	1.05E+01	1.82E-04	7.40E-03	3.65E-01	1.45E-02	0.0
18		Uranium	1.00E-02	2.29E-01	--n/a--	2.8%	6.42E-03	--n/a--	--n/a--	--n/a--	8.22E-01	--n/a--	--n/a--	--n/a--	9.7%	2.22E-02	--n/a--	--n/a--	--n/a--	87.5%	2.01E-01	--n/a--	1.05E+01	--n/a--	3.07E+00	2.80E-02	1.00E+01	--n/a--
19		Vanadium	1.00E-02	2.29E-01	3.28E+02	2.8%	6.42E-03	2.11E+00	7.71E-02	--n/a--	8.22E-01	6.34E-02	1.33E-02	4.38E+00	9.7%	2.22E-02	9.70E-02	1.20E-02	3.93E+00	87.5%	2.01E-01	7.89E-01	1.05E+01	2.91E-03	2.10E-01	2.80E-01	4.40E-01	0.0
20		Zinc	1.00E-02	2.29E-01	1.40E+03	2.8%	6.42E-03	6.98E+00	8.15E-02	--n/a--	8.22E-01	6.70E-02	2.63E-01	3.67E+02	9.7%	2.22E-02	8.18E+00	7.70E-01	1.07E+03	87.5%	2.01E-01	2.16E+02	1.05E+01	2.22E-01	1.60E+02	3.50E-01	3.16E+02	0.0
1	Soil Component from Ore	Aluminum	5.52E-06	2.29E-01	1.45E+04	2.8%	6.42E-03	9.31E+01	1.33E+00	--n/a--	8.22E-01	1.09E+00	5.00E-01	7.25E+03	9.7%	2.22E-02	1.61E+02	5.00E-01	7.25E+03	87.5%	2.01E-01	1.46E+03	1.05E+01	9.00E-04	1.93E+00	3.00E-02	6.23E+00	0.0
2		Antimony	5.52E-06	2.29E-01	8.00E+00	2.8%	6.42E-03	5.14E-02	1.04E-03	--n/a--	8.22E-01	8.51E-04	2.00E-01	1.60E+00	9.7%	2.22E-02	3.56E-02	5.00E-02	4.00E-01	87.5%	2.01E-01	8.03E-02	1.05E+01	8.85E-08	1.25E-01	3.00E-02	4.03E-01	0.0
3		Arsenic	5.52E-06	2.29E-01	2.18E+01	2.8%	6.42E-03	1.40E-01	5.30E-03	--n/a--	8.22E-01	4.35E-03	3.80E-02	8.28E-01	9.7%	2.22E-02	1.84E-02	2.50E-03	5.45E-02	87.5%	2.01E-01	1.09E-02	1.05E+01	9.14E-08	1.26E-01	3.00E-02	4.07E-01	0.0
4		Barium	5.52E-06	2.29E-01	8.00E+01	2.8%	6.42E-03	5.14E-01	4.12E-02	--n/a--	8.22E-01	3.39E-02	5.00E-01	4.00E+01	9.7%	2.22E-02	8.90E-01	5.00E-01	4.00E+01	87.5%	2.01E-01	8.03E+00	1.05E+01	4.98E-06	5.10E+00	4.35E-01	9.64E+00	0.0
5		Beryllium	5.52E-06	2.29E-01	2.00E+00	2.8%	6.42E-03	1.28E-02	2.17E-03	--n/a--	8.22E-01	1.78E-03	5.00E-01	1.00E+00	9.7%	2.22E-02	2.22E-02	5.00E-01	1.00E+00	87.5%	2.01E-01	2.01E-01	1.05E+01	1.25E-07	6.60E-01	3.50E-01	1.30E+00	0.0
6		Cadmium	5.52E-06	2.29E-01	1.00E+02	2.8%	6.42E-03	6.42E-01	6.35E-03	--n/a--	8.22E-01	5.22E-03	2.45E-01	2.45E+01	9.7%	2.22E-02	5.45E-01	3.30E-01	3.30E+01	87.5%	2.01E-01	6.62E+00	1.05E+01	4.11E-06	1.00E+00	3.03E-01	2.03E+00	0.0
7		Chromium	5.52E-06	2.29E-01	1.16E+03	2.8%	6.42E-03	7.45E+00	4.63E-02	--n/a--	8.22E-01	3.80E-02	2.84E-02	3.06E+01	9.7%	2.22E-02	6.81E-01	8.50E-02	9.88E+01	87.5%	2.01E-01	1.98E+01	1.05E+01	1.47E-05	2.74E+03	3.50E-01	5.40E+03	0.0
8		Copper	5.52E-06	2.29E-01	1.30E+02	2.8%	6.42E-03	8.35E-01	1.44E-02	--n/a--	8.22E-01	1.19E-02	3.24E-01	4.21E+01	9.7%	2.22E-02	9.37E-01	5.00E-01	6.50E+01	87.5%	2.01E-01	1.30E+01	1.05E+01	7.80E-06	1.17E+01	1.00E+00	1.87E+01	0.0
9		Iron	5.52E-06	2.29E-01	1.38E+04	2.8%	6.42E-03	8.88E+01	1.68E+00	--n/a--	8.22E-01	1.38E+00	5.00E-01	6.90E+03	9.7%	2.22E-02	1.54E+02	5.00E-01	6.90E+03	87.5%	2.01E-01	1.38E+03	1.05E+01	8.57E-04	--n/a--	--n/a--	--n/a--	--n/a--
10		Lead	5.52E-06	2.29E-01	1.45E+01	2.8%	6.42E-03	9.31E-02	1.42E-03	--n/a--	8.22E-01	1.17E-03	5.80E-01	8.12E+00	9.7%	2.22E-02	1.81E-01	1.10E-01	1.60E+00	87.5%	2.01E-01	3.20E-01	1.05E+01	3.13E-07	8.00E+00	3.50E-01	1.58E+01	0.0
11		Manganese	5.52E-06	2.29E-01	2.75E+02	2.8%	6.42E-03	1.77E+00	5.72E-02	--n/a--	8.22E-01	4.70E-02	5.00E-01	1.38E+02	9.7%	2.22E-02	3.06E+00	5.00E-01	1.38E+02	87.5%	2.01E-01	2.76E+01	1.05E+01	1.71E-05	8.80E+01	3.50E-01	1.74E+02	0.0
12		Mercury	5.52E-06	2.29E-01	5.50E-01	2.8%	6.42E-03	3.53E-03	2.63E-04	--n/a--	8.22E-01	2.16E-04	9.00E-01	4.95E-01	9.7%	2.22E-02	1.10E-02	5.40E-02	2.97E-02	87.5%	2.01E-01	5.98E-03	1.05E+01	1.09E-08	1.00E+00	1.00E+00	1.60E+00	0.0
13		Molybdenum	5.52E-06	2.29E-01	4.00E+01	2.8%	6.42E-03	2.57E-01	4.73E-02	--n/a--	8.22E-01	3.89E-02	5.00E-01	2.00E+01	9.7%	2.22E-02	4.45E-01	5.00E-01	2.00E+01	87.5%	2.01E-01	4.01E+00	1.05E+01	2.50E-06	2.80E-01	3.00E-02	8.39E-01	0.0
14		Nickel	5.52E-06	2.29E-01	2.20E+02	2.8%	6.42E-03	1.41E+00	1.69E-02	--n/a--	8.22E-01	1.39E-02	3.98E-02	8.78E+00	9.7%	2.22E-02	1.95E-01	2.50E-01	5.50E+01	87.5%	2.01E-01	1.10E+01	1.05E+01	8.68E-06	4.00E+01	3.50E-01	7.90E+01	0.0
15		Selenium	5.52E-06	2.29E-01	3.90E+01	2.8%	6.42E-03	2.50E-01	1.65E-02	--n/a--	8.22E-01	1.36E-02	2.40E-01	9.36E+00	9.7%	2.22E-02	2.08E-01	1.60E-01	6.24E+00	87.5%	2.01E-01	1.25E+00	1.05E+01	9.08E-07	2.00E-01	3.50E-01	3.95E-01	0.0
16		Silver	5.52E-06	2.29E-01	8.91E+00	2.8%	6.42E-03	4.44E-02	3.66E-04	--n/a--	8.22E-01	3.01E-04	5.00E-01	3.46E+00	9.7%	2.22E-02	7.69E-02	5.00E-01	3.46E+00	87.5%	2.01E-01	6.93E-01	1.05E+01	4.29E-07	--n/a--	--n/a--	--n/a--	--n/a--
17		Thallium	5.52E-06	2.29E-01	3.60E+00	2.8%	6.42E-03	2.31E-02	4.99E-04	--n/a--	8.22E-01	4.10E-04	5.00E-01	1.80E+00	9.7%	2.22E-02	4.00E-02	5.00E-01	1.80E+00	87.5%	2.01E-01	3.61E-01	1.05E+01	2.24E-07	7.40E-03	3.65E-01	1.45E-02	0.0
18		Uranium	5.52E-06	2.29E-01	8.18E+01	2.8%	6.42E-03	5.25E-01	--n/a--	--n/a--	8.22E-01	0	5.00E-01	4.09E+01	9.7%	2.22E-02	9.10E-01	5.00E-01	4.09E+01	87.5%	2.01E-01	8.21E+00	1.05E+01	5.07E-06	3.07E+00	2.80E-02	1.00E+01	0.0
19		Vanadium	5.52E-06	2.29E-01	1.24E+03	2.8%	6.42E-03	7.96E+00	7.71E-02	--n/a--	8.22E-01	6.34E-02	1.33E-02	1.65E+01	9.7%	2.22E-02	3.67E-01	1.20E-02	1.49E+01	87.5%	2.01E-01	2.99E+00	1.05E+01	5.99E-06	2.10E-01	2.80E-01	4.40E-01	0.0
20		Zinc	5.52E-06	2.29E-01	1.27E+03	2.8%	6.42E-03	8.16E+00	8.15E-02	--n/a--	8.22E-01	6.70E-02	2.63E-01	3.34E+02	9.7%	2.22E-02	7.43E+00	7.70E-01	6.78E+02	87.5%	2.01E-01	1.96E+02	1.05E+01	1.12E-04	1.60E+02	3.50E-01	3.16E+02	0.0

Note:

[1] If BAF is --n/a--, then BAF assumed to be 1.0 and C-plants = C-Soil or C-Ore, C-Small Mammals = C-Soil or C-Ore

[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G . Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt. / Body Weight) ^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals

[3] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Table 7-5

[4] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Section 7-6

[5] For BAFs see Table 4-13

[6] For SUFs see Table 4-14

[7] Uranium is assumed at zero concentration in Surface Water for the calculation with Ore as the soil source

TABLE 4-25 TIER 2: HAZARD QUOTIENTS FOR RAPTORS: RED-TAILED HAWK
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	Site Use Factor	Mean Food Ingest Rate	Soil				Surface Water				Invertebrates					Small Mammals					Birds					Mean Body Weight	Total Daily Dose	Test Species TRV	Test Species Body Wt.	Adjusted TRV	HQ
					C-Soil (95% UCL)	% Ingest	IR	Daily Dose	C-SW (95% UCL)	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose	BAF	Assumed C	% Ingest	IR	Daily Dose						
			[5]	[3]		[3]				[3]		[7]	[4]	[1]	[3]			[4]	[1]	[3]			[4]	[1]	[3]			[3]			[2]	
			--	kg/day	mg/kg		kg/day	mg/day	mg/L		L/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	--	mg/kg		kg/day	mg/day	kg	mg/kg/day	mg/kg/day	kg	mg/kg/day	--
1	Soil Component from Soil	Aluminum	1.50E-01	5.24E-02	2.17E+04	2.8%	1.47E-03	2.18E+01	1.33E+00	--n/a--	5.82E-02	7.74E-02	5.00E-01	1.08E+04	33.0%	1.73E-02	1.88E+02	5.00E-01	1.08E+04	33.0%	1.73E-02	1.88E+02	5.00E-01	1.08E+04	33.0%	1.73E-02	1.88E+02	9.70E-01	9.20E+01	1.10E+02	1.55E-01	1.58E+02	0.6
2		Antimony	1.50E-01	5.24E-02	2.85E+00	2.8%	1.47E-03	4.19E-03	1.04E-03	--n/a--	5.82E-02	6.02E-05	1.00E+00	2.85E+00	33.0%	1.73E-02	4.93E-02	5.00E-02	1.43E-01	33.0%	1.73E-02	2.47E-03	5.00E-01	1.43E+00	33.0%	1.73E-02	2.47E-02	9.70E-01	1.25E-02	--n/a--	--n/a--	--n/a--	--n/a--
3		Arsenic	1.50E-01	5.24E-02	7.84E+00	2.8%	1.47E-03	1.15E-02	5.30E-03	--n/a--	5.82E-02	3.08E-04	2.20E-01	1.72E+00	33.0%	1.73E-02	2.98E-02	2.50E-03	1.96E-02	33.0%	1.73E-02	3.39E-04	5.00E-01	3.92E+00	33.0%	1.73E-02	6.77E-02	9.70E-01	1.70E-02	5.14E+00	1.00E+00	5.11E+00	0.0
4		Barium	1.50E-01	5.24E-02	1.17E+02	2.8%	1.47E-03	1.72E-01	4.12E-02	--n/a--	5.82E-02	2.40E-03	5.00E-01	5.87E+01	33.0%	1.73E-02	1.02E+00	5.00E-01	5.87E+01	33.0%	1.73E-02	1.02E+00	5.00E-01	5.87E+01	33.0%	1.73E-02	1.02E+00	9.70E-01	4.88E-01	2.08E+01	1.21E-01	3.15E+01	0.0
5		Beryllium	1.50E-01	5.24E-02	1.43E+00	2.8%	1.47E-03	2.10E-03	2.17E-03	--n/a--	5.82E-02	1.26E-04	5.00E-01	7.17E-01	33.0%	1.73E-02	1.24E-02	5.00E-01	7.17E-01	33.0%	1.73E-02	1.24E-02	5.00E-01	7.17E-01	33.0%	1.73E-02	1.24E-02	9.70E-01	6.10E-03	--n/a--	--n/a--	--n/a--	--n/a--
6		Cadmium	1.50E-01	5.24E-02	2.10E+01	2.8%	1.47E-03	3.07E-02	5.35E-03	--n/a--	5.82E-02	3.70E-04	7.70E+00	1.61E+02	33.0%	1.73E-02	2.79E+00	3.30E-01	6.62E+00	33.0%	1.73E-02	1.20E-01	5.00E-01	1.00E+01	33.0%	1.73E-02	1.81E-01	9.70E-01	4.83E-01	1.45E+00	1.15E+00	1.40E+00	0.3
7		Chromium	1.50E-01	5.24E-02	3.07E+02	2.8%	1.47E-03	4.51E-01	4.63E-02	--n/a--	5.82E-02	2.69E-03	3.10E-01	9.53E+01	33.0%	1.73E-02	1.65E+00	8.50E-02	2.61E+01	33.0%	1.73E-02	4.51E-01	5.00E-01	1.54E+02	33.0%	1.73E-02	2.66E+00	9.70E-01	8.05E-01	1.00E+00	1.25E+00	9.51E-01	0.8
8		Copper	1.50E-01	5.24E-02	5.76E+01	2.8%	1.47E-03	8.45E-02	1.44E-02	--n/a--	5.82E-02	8.40E-04	6.00E-01	2.88E+01	33.0%	1.73E-02	4.98E-01	5.00E-01	2.88E+01	33.0%	1.73E-02	4.98E-01	5.00E-01	2.88E+01	33.0%	1.73E-02	4.98E-01	9.70E-01	2.44E-01	4.70E+01	5.34E-01	5.30E+01	0.0
9		Iron	1.50E-01	5.24E-02	1.56E+04	2.8%	1.47E-03	2.43E+01	1.68E+00	--n/a--	5.82E-02	9.79E-03	5.00E-01	8.26E+03	33.0%	1.73E-02	1.43E+02	5.00E-01	8.26E+03	33.0%	1.73E-02	1.43E+02	5.00E-01	8.26E+03	33.0%	1.73E-02	1.43E+02	9.70E-01	7.02E+01	--n/a--	--n/a--	--n/a--	--n/a--
10		Lead	1.50E-01	5.24E-02	7.87E+01	2.8%	1.47E-03	1.15E-01	1.42E-03	--n/a--	5.82E-02	8.28E-05	2.70E-01	2.12E+01	33.0%	1.73E-02	3.67E-01	1.10E-01	8.68E+00	33.0%	1.73E-02	1.50E-01	5.00E-01	3.94E+01	33.0%	1.73E-02	6.80E-01	9.70E-01	2.03E-01	3.85E+00	1.30E-01	5.75E+00	0.0
11		Manganese	1.50E-01	5.24E-02	9.38E+02	2.8%	1.47E-03	1.38E+00	5.72E-02	--n/a--	5.82E-02	3.33E-03	5.00E-01	4.69E+02	33.0%	1.73E-02	8.10E+00	5.00E-01	4.69E+02	33.0%	1.73E-02	8.10E+00	5.00E-01	4.69E+02	33.0%	1.73E-02	8.10E+00	9.70E-01	3.97E+00	9.77E+02	2.20E-02	1.64E+03	0.0
12		Mercury	1.50E-01	5.24E-02	1.53E+01	2.8%	1.47E-03	2.24E-02	2.83E-04	--n/a--	5.82E-02	1.53E-05	1.70E+00	2.60E+01	33.0%	1.73E-02	4.50E-01	5.40E-02	8.27E-01	33.0%	1.73E-02	1.43E-02	5.00E-01	7.65E+00	33.0%	1.73E-02	1.32E-01	9.70E-01	9.57E-02	4.50E-01	1.50E-01	8.54E-01	0.1
13		Molybdenum	1.50E-01	5.24E-02	8.08E+00	2.8%	1.47E-03	1.19E-02	4.73E-02	--n/a--	5.82E-02	2.75E-03	5.00E-01	4.04E+00	33.0%	1.73E-02	6.99E-02	5.00E-01	4.04E+00	33.0%	1.73E-02	6.99E-02	5.00E-01	4.04E+00	33.0%	1.73E-02	6.99E-02	9.70E-01	3.47E-02	3.50E+00	1.50E+00	3.21E+00	0.0
14		Nickel	1.50E-01	5.24E-02	5.98E+01	2.8%	1.47E-03	8.77E-02	1.89E-02	--n/a--	5.82E-02	9.84E-04	1.10E+00	8.57E+01	33.0%	1.73E-02	1.14E+00	2.50E-01	1.49E+01	33.0%	1.73E-02	2.58E-01	5.00E-01	2.99E+01	33.0%	1.73E-02	5.17E-01	9.70E-01	3.09E-01	7.74E+01	7.82E-01	8.08E+01	0.0
15		Selenium	1.50E-01	5.24E-02	1.08E+01	2.8%	1.47E-03	1.58E-02	1.65E-02	--n/a--	5.82E-02	9.62E-04	9.90E-01	1.07E+01	33.0%	1.73E-02	1.84E-01	1.60E-01	1.72E+00	33.0%	1.73E-02	2.96E-02	5.00E-01	5.39E+00	33.0%	1.73E-02	9.32E-02	9.70E-01	5.01E-02	4.40E-01	2.00E-01	8.03E-01	0.1
16		Silver	1.50E-01	5.24E-02	7.09E+00	2.8%	1.47E-03	1.04E-02	3.89E-04	--n/a--	5.82E-02	9.13E-05	5.00E-01	3.54E+00	33.0%	1.73E-02	6.13E-02	5.00E-01	3.54E+00	33.0%	1.73E-02	6.13E-02	5.00E-01	3.54E+00	33.0%	1.73E-02	6.13E-02	9.70E-01	3.00E-02	--n/a--	--n/a--	--n/a--	--n/a--
17		Thallium	1.50E-01	5.24E-02	6.02E+00	2.8%	1.47E-03	8.37E-03	4.99E-04	--n/a--	5.82E-02	2.90E-05	5.00E-01	8.09E-01	33.0%	1.73E-02	1.40E-02	5.00E-01	8.09E-01	33.0%	1.73E-02	1.40E-02	5.00E-01	8.09E-01	33.0%	1.73E-02	1.40E-02	9.70E-01	8.86E-03	--n/a--	--n/a--	--n/a--	--n/a--
18		Uranium	1.50E-01	5.24E-02	--n/a--	2.8%	1.47E-03	--n/a--	--n/a--	--n/a--	5.82E-02	--n/a--	--n/a--	--n/a--	33.0%	1.73E-02	--n/a--	--n/a--	--n/a--	33.0%	1.73E-02	--n/a--	--n/a--	--n/a--	33.0%	1.73E-02	--n/a--	9.70E-01	--n/a--	1.60E+01	1.25E+00	1.52E+01	--n/a--
19		Vanadium	1.50E-01	5.24E-02	3.25E+02	2.8%	1.47E-03	4.61E-01	7.71E-02	--n/a--	5.82E-02	4.49E-03	4.20E-02	7.38E+01	33.0%	1.73E-02	2.38E-01	1.20E-02	3.93E+00	33.0%	1.73E-02	6.89E-02	5.00E-01	1.64E+02	33.0%	1.73E-02	2.83E+00	9.70E-01	5.80E-01	1.14E+01	1.17E+00	1.10E+01	0.1
20		Zinc	1.50E-01	5.24E-02	1.40E+03	2.8%	1.47E-03	2.05E+00	8.15E-02	--n/a--	5.82E-02	4.74E-03	3.20E+00	4.48E+03	33.0%	1.73E-02	7.72E+01	7.70E-01	1.07E+03	33.0%	1.73E-02	1.86E+01	5.00E-01	6.99E+02	33.0%	1.73E-02	1.21E+01	9.70E-01	1.70E+01	1.45E+01	1.94E+00	1.26E+01	1.3
1	Soil Component from Ore	Aluminum	6.95E-05	5.24E-02	1.47E+04	2.8%	1.47E-03	2.10E+01	1.33E+00	--n/a--	5.82E-02	7.74E-02	5.00E-01	7.25E+03	33.0%	1.73E-02	1.25E+02	5.00E-01	7.25E+03	33.0%	1.73E-02	1.25E+02	5.00E-01	7.25E+03	33.0%	1.73E-02	1.25E+02	9.70E-01	2.85E-02	1.10E+02	1.55E-01	1.58E+02	0.0
2		Antimony	6.95E-05	5.24E-02	9.00E+00	2.8%	1.47E-03	1.77E-02	1.04E-03	--n/a--	5.82E-02	6.02E-05	1.00E+00	8.00E+00	33.0%	1.73E-02	1.38E-01	5.00E-02	4.00E-01	33.0%	1.73E-02	6.91E-03	5.00E-01	4.00E+00	33.0%	1.73E-02	6.91E-02	9.70E-01	1.82E-05	--n/a--	--n/a--	--n/a--	--n/a--
3		Arsenic	6.95E-05	5.24E-02	2.18E+01	2.8%	1.47E-03	3.20E-02	5.30E-03	--n/a--	5.82E-02	3.08E-04	2.20E-01	4.80E+00	33.0%	1.73E-02	8.29E-02	2.50E-03	5.45E-02	33.0%	1.73E-02	9.42E-04	5.00E-01	1.09E+01	33.0%	1.73E-02	1.88E-01	9.70E-01	2.18E-05	5.14E+00	1.00E+00	5.11E+00	0.0
4		Barium	6.95E-05	5.24E-02	8.00E+01	2.8%	1.47E-03	1.17E-01	4.12E-02	--n/a--	5.82E-02	2.40E-03	5.00E-01	4.00E+01	33.0%	1.73E-02	6.91E-01	5.00E-01	4.00E+01	33.0%	1.73E-02	6.91E-01	5.00E-01	4.00E+01	33.0%	1.73E-02	6.91E-01	9.70E-01	3.57E-04	2.08E+01	1.21E-01	3.15E+01	0.0
5		Beryllium	6.95E-05	5.24E-02	2.00E+00	2.8%	1.47E-03	2.99E-03	2.17E-03	--n/a--	5.82E-02	1.26E-04	5.00E-01	1.00E+00	33.0%	1.73E-02	1.73E-02	5.00E-01	1.00E+00	33.0%	1.73E-02	1.73E-02	5.00E-01	1.00E+00	33.0%	1.73E-02	1.73E-02	9.70E-01	3.99E-06	--n/a--	--n/a--	--n/a--	--n/a--
6		Cadmium	6.95E-05	5.24E-02	1.00E+02	2.8%	1.47E-03	1.47E-01	5.35E-03	--n/a--	5.82E-02	3.70E-04	7.70E+00	7.70E+02	33.0%	1.73E-02	1.33E+01	3.30E-01	3.30E+01	33.0%	1.73E-02	5.70E-01	5.00E-01	5.00E+01	33.0%	1.73E-02	8.64E-01	9.70E-01	1.07E-03	1.45E+00	1.15E+00	1.40E+00	0.0
7		Chromium	6.95E-05	5.24E-02	1.16E+03	2.8%	1.47E-03	1.70E+00	4.63E-02	--n/a--	5.82E-02	2.69E-03	3.10E-01	3.60E+02	33.0%	1.73E-02	6.22E+00	8.50E-02	9.86E+01	33.0%	1.73E-02	1.70E+00	5.00E-01	5.80E+02	33.0%	1.73E-02	1.00E+01	9.70E-01	1.41E-03	1.00E+00	1.25E+00	9.51E-01	0.0
8		Copper	6.95E-05	5.24E-02	1.90E+02	2.8%	1.47E-03	1.91E-01	1.44E-02	--n/a--	5.82E-02	8.40E-04	5.00E-01	5.50E+01	33.0%	1.73E-02	1.17E+00	5.00E-01	9.50E+01	33.0%	1.73E-02	1.12E+00	5.00E-01	9.50E+01	33.0%	1.73E-02	1.12E+00	9.70E-01	2.55E-04	4.70E+01	5.34E-01	5.30E+01	0.0
9		Iron	6.95E-05	5.24E-02	1.38E+04	2.8%	1.47E-03	2.02E+01	1.68E+00	--n/a--	5.82E-02	9.79E-02	5.00E-01	6.90E+03	33.0%	1.73E-02	1.19E+02	5.00E-01	6.90E+03	33.0%	1.73E-02	1.19E+02	5.00E-01	6.90E+03	33.0%	1.73E-02	1.19E+02	9.70E-01	2.71E-02	--n/a--	--n/a--	--n/a--	--n/a--
10		Lead	6.95E-05	5.24E-02	1.45E+01	2.8%	1.47E-03	2.13E-02	1.42E-03	--n/a--	5.82E-02	8.28E-05	2.70E-01	3.92E+00	33.0%	1.73E-02	5.77E-02	1.10E-01	1.60E+00	33.0%	1.73E-02	2.76E-02	5.00E-01	7.25E+00	33.0%	1.73E-02	1.25E-01	9.70E-01	1.73E-05	3.85E+00	1.30E-01	5.75E+00	0.0
11		Manganese	6.95E-05	5.24E-02	2.75E+02	2.8%	1.47E-03	4.03E-01	5.72E-02	--n/a--	5.82E-02	3.33E-03	5.00E-01	1.38E+02	33.0%	1.73E-02	2.38E+00	5.00E-01	1.38E+02	33.0%	1.73E-02	2.38E+00	5.00E-01	1.38E+02	33.0%	1.73E-02	2.38E+00	9.70E-01	5.40E-04	9.77E+02	2.20E-02	1.64E+03	0.0
12		Mercury	6.95E-05	5.24E-02	5.50E-01	2.8%	1.47E-03	8.07E-04	2.83E-04	--n/a--	5.82E-02	1.53E-05	1.70E+00	9.35E-01	33.0%	1.73E-02	1.62E-02	5.40E-02	2.97E-02	33.0%	1.73E-02	5.13E-04	5.00E-01	2.75E-01	33.0%	1.73E-02	4.76E-03	9.70E-01	1.59E-06	4.50E-01	1.50E-01	8.54E-01	0.0
13		Molybdenum	6.95E-05	5.24E-02	4.00E+01	2.8%	1.47E-03	5.87E-02	4.73E-02	--n/a--	5.82E-02	2.75E-03	5.00E-01	2.00E+01	33.0%	1.73E-02	3.46E-01	5.00E-01	2.00E+01	33.0%	1.73E-02	3.46E-01	5.00E-01	2.00E+01	33.0%	1.73E-02	3.46E-01	9.70E-01	1.87E-05	3.50E+00	1.50E+00	3.21E+00	0.0
14		Nickel	6.95E-05	5.24E-02	2.20E+02	2.8%	1.47E-03	3.23E-01	1.89E-02	--n/a--	5.82E-02	9.84E-04	1.10E+00	2.42E+02	33.0%	1.73E-02	4.18E+00	2.50E-01	5.50E+01	33.0%	1.73E-02	9.51E-01	5.00E-01	1.10E+02	33.0%	1.73E-02	1.90E+00	9.70E-01	5.27E-04	7.74E+01	7.82E-01	8.08E+01	0.0
15		Selenium	6.95E-05	5.24E-02	3.90E+01	2.8%	1.47E-03	5.72E-02	1.65E-02	--n/a--	5.82E-02	9.62E-04	9.90E-01	3.86E+01	33.0%	1.73E-02	6.67E-01	1.80E-01	6.24E+00	33.0%	1.73E-02	1.08E-01	5.00E-01	1.95E+01	33.0%	1.73E-02	3.37E-01	9.70E-01	8.38E-05	4.40E-01	2.00E-01	8.03E-01	0.0
16		Silver	6.95E-05	5.24E-02	6.91E+00	2.8%	1.47E-03	1.01E-02	3.89E-04	--n/a--	5.82E-02	2.13E-05	5.00E-01	3.46E+00	33.0%	1.73E-02	5.97E-02	5.00E-01	3.46E+00	33.0%	1.73E-02	5.97E-02	5.00E-01	3.46E+00	33.0%	1.73E-02	5.97E-02	9.70E-01	1.38E-05	--n/a--	--n/a--	--n/a--	--n/a--
17		Thallium	6.95E-05	5.24E-02	3.60E+00	2.8%	1.47E-03	5.28E-03	4.99E-04	--n/a--	5.82E-02	2.90E-05	5.00E-01	1.80E+00	33.0%	1.73E-02	3.11E-02	5.00E-01	1.80E+00	33.0%	1.73E-02	3.11E-02	5.00E-01	1.80E+00	33.0%	1.73E-02	3.11E-02	9.70E-01	7.07E-06	--n/a--	--n/a--	--n/a--	--n/a--
18		Uranium	6.95E-05	5.24E-02	8.18E+01	2.8%	1.47E-03	1.20E-01	--n/a--	--n/a--	5.82E-02	0	5.00E-01	4.09E+01	33.0%	1.73E-02	7.07E-01	5.00E-01	4.09E+01	33.0%	1.73E-02	7.07E-01	5.00E-01	4.09E+01	33.0%	1.73E-02	7.07E-01	9.70E-01	1.60E-04	1.60E+01	1.25E+00	1.52E+01	0.0
19		Vanadium	6.95E-05	5.24E-02	1.24E+03	2.8%	1.47E-03	1.82E+00	7.71E-02	--n/a--	5.82E-02	4.49E-03	4.20E-02	5.21E+01	33.0%	1.73E-02	9.00E-01	1.20E-02	1.49E+01	33.0%	1.73E-02	2.57E-01	5.00E-01	6.20E+02	33.0%	1.73E-02	1.07E+01	9.70E-01	9.81E-04	1.14E+01	1.17E+00	1.10E+01	0.0
20		Zinc	6.95E-05	5.24E-02	1.27E+03	2.8%	1.47E-03	1.80E+00	8.15E-02	--n/a--	5.82E-02	4.74E-03	3.20E+00	4.06E+03	33.0%	1.73E-02	7.02E+01	7.70E-01	9.78E+02	33.0%	1.73E-02	1.69E+01	5.00E-01	6.35E+02	33.0%	1.73E-02	1.10E+01	9.70E-01	7.18E-03	1.45E+01	1.94E+00	1.26E+01	0.0

Note:
[1] --n/a-- Not available
[2] Final Area Wide Human Health and Ecological Risk Assessment (December 2002), Appendix G : Allometrically adjusted TRVs calculated as follows:
TRV adjust = TRV * (test species Body Wt / Body Weight)^ FACTOR, where FACTOR = -0.2 birds and +0.06 for mammals
[3] SPRECA/SPRUA Ecological Risk Assessment, Former Texaco Casper Refinery, Evanzville, WY. Table 11 Receptor -Specific Exposure Parameters
[4] For BAFs see Table 4-13
[5] For SUFs see Table 4-14
[6] Uranium is assumed at zero concentration in Surface Water for the calculation with Ore as the soil source.

TABLE 4-26 TIER 2: SUMMARY OF SPECIES SPECIFIC HAZARD QUOTIENTS BASED ON MEAN EXPOSURE PARAMETERS
Central Farmers Fertilizer Facility, Georgetown Canyon

Ref #	Media	Analyte	NORTHERN BOBWHITE	EASTERN COTTONTAIL	AMERICAN ROBIN	DEER MOUSE	SONG SPARROW	SPOTTED SANDPIPER	MALLARD	RACCOON	COYOTE	RED-TAILED HAWK
			Hazard Quotient Summary [1]									
1	Soil Component from Soil	Aluminum	--n/c--	--n/c--	--n/c--	--n/c--	--n/c--	--n/c--	1.5	5.7	0.4	0.6
2		Antimony	--n/a--	0.4	--n/a--	2.1	--n/a--	--n/a--	--n/a--	0.0	0.0	--n/a--
3		Arsenic	0.0	0.3	0.1	1.4	0.0	0.1	0.0	0.1	0.0	0.0
4		Barium	0.4	0.8	0.6	1.6	0.7	0.3	0.1	0.0	0.0	0.0
5		Beryllium	--n/a--	0.1	--n/a--	0.2	--n/a--	--n/a--	--n/a--	0.0	0.0	--n/a--
6		Cadmium	3.8	0.4	18.2	10.4	0.8	10.6	0.1	1.1	0.0	0.3
7		Chromium	5.5	0.0	18.6	0.0	3.0	9.6	3.0	0.0	0.0	0.8
8		Copper	0.1	0.1	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0
9		Iron	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
10		Lead	4.9	0.4	6.4	0.6	9.7	2.2	0.1	0.0	0.0	0.0
11		Manganese	0.1	0.4	0.1	0.7	0.1	0.1	0.0	0.0	0.0	0.0
12		Mercury	4.6	0.1	9.4	0.2	7.5	6.3	0.0	0.0	0.0	0.1
13		Molybdenum	0.3	1.3	0.4	2.5	0.3	0.1	0.1	0.0	0.0	0.0
14		Nickel	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
15		Selenium	1.9	1.0	5.2	4.4	1.5	2.6	2.1	0.1	0.0	0.1
16		Silver	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--	--n/a--
17		Thallium	--n/a--	7.7	--n/a--	15.3	--n/a--	--n/a--	--n/a--	0.2	0.0	--n/a--
18		Uranium	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--	--n/s--
19		Vanadium	0.2	4.1	0.4	10.0	0.2	0.2	0.1	3.3	0.0	0.1
20		Zinc	14.9	0.2	58.9	1.9	5.6	28.6	0.5	0.0	0.0	1.3
1	Soil Component from Ore	Aluminum	--n/c--	--n/c--	--n/c--	--n/c--	---	---	---	---	0.0	0.0
2		Antimony	--n/a--	0.0	--n/a--	0.8	---	---	---	---	0.0	--n/a--
3		Arsenic	0.0	0.0	0.0	0.5	---	---	---	---	0.0	0.0
4		Barium	0.0	0.0	0.0	0.2	---	---	---	---	0.0	0.0
5		Beryllium	--n/a--	0.0	--n/a--	0.0	---	---	---	---	0.0	--n/a--
6		Cadmium	0.0	0.0	8.8	7.1	---	---	---	---	0.0	0.0
7		Chromium	0.0	0.0	7.1	0.0	---	---	---	---	0.0	0.0
8		Copper	0.0	0.0	0.0	0.1	---	---	---	---	0.0	0.0
9		Iron	--n/a--	--n/a--	--n/a--	--n/a--	---	---	---	---	--n/a--	--n/a--
10		Lead	0.0	0.0	0.1	0.0	---	---	---	---	0.0	0.0
11		Manganese	0.0	0.0	0.0	0.0	---	---	---	---	0.0	0.0
12		Mercury	0.0	0.0	0.0	0.0	---	---	---	---	0.0	0.0
13		Molybdenum	0.0	0.1	0.2	1.8	---	---	---	---	0.0	0.0
14		Nickel	0.0	0.0	0.0	0.1	---	---	---	---	0.0	0.0
15		Selenium	0.0	0.0	1.9	2.3	---	---	---	---	0.0	0.0
16		Silver	--n/a--	--n/a--	--n/a--	--n/a--	---	---	---	---	--n/a--	--n/a--
17		Thallium	--n/a--	0.1	--n/a--	4.9	---	---	---	---	0.0	--n/a--
18		Uranium	0.0	0.0	0.1	0.3	---	---	---	---	0.0	0.0
19		Vanadium	0.0	0.1	0.2	5.4	---	---	---	---	0.0	0.0
20		Zinc	0.0	0.0	5.4	0.2	---	---	---	---	0.0	0.0

Notes:

[1] --n/a-- Indicates that Hazard Quotients could not be calulated because there was no Toxicity Reference Value against which to compare the Daily Dose

[2] --n/s-- Uranium was not sampled in soil, only in the phosphoria stockpile (ore pile)

[3] --- No value calculated because the ore pile is not a valid surrogate source of analytes for aquatic sediment

--n/c-- Not calculated. Aluminum not a COPEC in soil, ore, or sediment

APPENDIX A:
Compiled Sample Results Tables

APPENDIX A
TABLE 1
SAMPLE ID's & LOCATIONS
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

Sample ID	Easting Coord	Northing Coord	G.S. Elevation	COMMENT
GT-1	14808.84	17817.64	6960.7	Shallow Ground Water Monitoring Well
GT-2	14200.912	15464.7	6915.8	Shallow Ground Water Monitoring Well
GT-3	14307.431	15263.74	6914.3	Shallow Ground Water Monitoring Well
GT-4	14293.382	14957.54	6913.5	Shallow Ground Water Monitoring Well
GT-5	14118.991	15032.02	6909.6	Shallow Ground Water Monitoring Well
GT-6	13900.19	13123.32	6855.8	Shallow Ground Water Monitoring Well
GT-7	14287.623	15752.22	6921.5	Deep Ground Water Monitoring Well
GT-8	14275.259	15754.89	6920.7	Shallow Ground Water Monitoring Well
GT-DEEP	14368.272	16503.37	6934.4	Existing Deep Well
NORTH WELL	14368.272	16503.37	6934.4	GT-DEEP (deep well)
GTB-1	14221.066	15632.94	6921.34	Soil auger boring, number 1 and sample depth interval in feet below ground surface
GTB-3	14247.099	15460.42	6915.84	Soil auger boring, number 3 and sample depth interval in feet below ground surface
GTB-4	14281.328	15314.82	6915.33	Soil auger boring, number 4 and sample depth interval in feet below ground surface
GTB-5	14413.151	15284.22	6916.93	Soil auger boring, number 5 and sample depth interval in feet below ground surface
GTB-6	14577.589	15235.47	6951.4	Soil auger boring, number 6 and sample depth interval in feet below ground surface
GTB-7	14214.854	15296.45	6912.38	Soil auger boring, number 7 and sample depth interval in feet below ground surface
GTB-8	14102.871	15194.25	6911.59	Soil auger boring, number 8 and sample depth interval in feet below ground surface
GTB-9	14370.873	14980.57	6917.99	Soil auger boring, number 9 and sample depth interval in feet below ground surface
GTB-10	14263.864	15069.14	6913.94	Soil auger boring, number 10 and sample depth interval in feet below ground surface
GTB-11	14179.291	15050.67	6910.99	Soil auger boring, number 11and sample depth interval in feet below ground surface
GTB-12	14073.744	15067.88	6910.75	Soil auger boring, number 12 and sample depth interval in feet below ground surface
GTB-13	13982.145	15074.36	6911.84	Soil auger boring, number 13 and sample depth interval in feet below ground surface
GTB-14	14329.597	14874.17	6920.87	Soil auger boring, number 14 and sample depth interval in feet below ground surface
GTB-15	14111.284	14889.89	6906.47	Soil auger boring, number 15 and sample depth interval in feet below ground surface
GTB-16	13998.795	14559.04	6900.21	Soil auger boring, number 16 and sample depth interval in feet below ground surface
GTB-17	14215	15257	6912.2	Soil auger boring, number 17 and sample depth interval in feet below ground surface
B-20	14204	15269	6912.2	Soil auger boring, number 20 and sample depth interval in feet below ground surface
B-21	14181	15267	6912.2	Soil auger boring, number 21 and sample depth interval in feet below ground surface
B-22	14192	15325	6912.2	Soil auger boring, number 22 and sample depth interval in feet below ground surface
B-23	14138	15318	6912.2	Soil auger boring, number 23 and sample depth interval in feet below ground surface
B-24	14215	15271	6912.2	Soil auger boring, number 24 and sample depth interval in feet below ground surface
GTORE-1	14969	14745		Ore Sample 1
GTORE-2	15156	146110		Ore Sample 2
GTORE-3	14832	14640		Ore Sample 3
GTSED-1	14685	17734		Sediment Sample in Georgetown Creek
GTSED-2	13906	14164		Sediment Sample in Georgetown Creek
GTSED-3	13837	12399		Sediment Sample in Georgetown Creek
GTSED-4	14165	13390		Sediment Sample in Clarifier
GTSO-1	14990	17281		Surface Soil Sample
GTSO-2	14048	15972		Surface Soil Sample
GTSO-3	14151	13952		Surface Soil Sample
GTSO-4	13645	14694		Surface Soil Sample
GTSO-5	14093	15189		Surface Soil Sample
GTSO-6	14171	15139		Surface Soil Sample
GTSO-7	14161	15274		Surface Soil Sample
GTSO-8	14542	15242		Surface Soil Sample
GTSW-1	14685	17734		Surface Water Sample, Georgetown Creek
GTSW-2	13906	14164		Surface Water Sample, Georgetown Creek
GTSW-3	13837	12399		Surface Water Sample, Georgetown Creek
GTSW-4	15229	14511		Surface Water Sample, Phosphoria Gulch above ore pile
GTSW-5	14450	14613		Surface Water Sample, Phosphoria Gulch below ore pile
GTSW-6	13990	14250		Surface Water Sample, sediment pond
GTSW-7	14165	13360		Surface Water Sample, Clarifier
SWGT-7	14165	13360		Surface Water Sample, Clarifier
GTSW-8	14449	15955		Surface Water Sample
GTSW-9	14338	15613		Surface Water Sample
GTSW-10	14205	15407		Surface Water Sample
GTSW-11	14015	14847		Surface Water Sample

Notes:

Samples with month dates in Client ID column are QA/QC samples

APPENDIX A
TABLE 2
BACKGROUND SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-1	09/13/04	Aluminum, total (3050)	SO	23300		mg/Kg	3	20
GTSO-1	09/13/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTSO-1	09/13/04	Arsenic, total (3050)	SO	8.2		mg/Kg	0.3	1
GTSO-1	09/13/04	Barium, total (3050)	SO	189		mg/Kg	0.3	1
GTSO-1	09/13/04	Beryllium, total (3050)	SO	1	B	mg/Kg	0.2	1
GTSO-1	09/13/04	Cadmium, total (3050)	SO	0.6	B	mg/Kg	0.5	2
GTSO-1	09/13/04	Calcium, total (3050)	SO	5000		mg/Kg	20	100
GTSO-1	09/13/04	Chromium, total (3050)	SO	28		mg/Kg	1	5
GTSO-1	09/13/04	Copper, total (3050)	SO	23		mg/Kg	1	5
GTSO-1	09/13/04	Iron, total (3050)	SO	26100		mg/Kg	1	5
GTSO-1	09/13/04	Lead, total (3050)	SO	17.8		mg/Kg	0.05	0.3
GTSO-1	09/13/04	Magnesium, total (3050)	SO	10500		mg/Kg	20	100
GTSO-1	09/13/04	Manganese, total (3050)	SO	1950		mg/Kg	0.5	3
GTSO-1	09/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTSO-1	09/13/04	Molybdenum, total (3050)	SO	1	B	mg/Kg	1	5
GTSO-1	09/13/04	Nickel, total (3050)	SO	26		mg/Kg	1	5
GTSO-1	09/13/04	Potassium, total (3050)	SO	4710		mg/Kg	30	100
GTSO-1	09/13/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTSO-1	09/13/04	Silver, total (3050)	SO	0.14		mg/Kg	0.03	0.1
GTSO-1	09/13/04	Sodium, total (3050)	SO	90	B	mg/Kg	30	100
GTSO-1	09/13/04	Thallium, total (3050)	SO	0.27	B	mg/Kg	0.05	0.3
GTSO-1	09/13/04	Vanadium, total (3050)	SO	39.4		mg/Kg	0.5	3
GTSO-1	09/13/04	Zinc, total (3050)	SO	87		mg/Kg	1	5
GTSO-2	09/13/04	Aluminum, total (3050)	SO	23500		mg/Kg	3	20
GTSO-2	09/13/04	Antimony, total (3050)	SO	0.2	B	mg/Kg	0.1	0.5
GTSO-2	09/13/04	Arsenic, total (3050)	SO	5.1		mg/Kg	0.3	1
GTSO-2	09/13/04	Barium, total (3050)	SO	143		mg/Kg	0.3	1
GTSO-2	09/13/04	Beryllium, total (3050)	SO	0.9	B	mg/Kg	0.2	1
GTSO-2	09/13/04	Cadmium, total (3050)	SO	1.8	B	mg/Kg	0.5	2
GTSO-2	09/13/04	Calcium, total (3050)	SO	13400		mg/Kg	20	100
GTSO-2	09/13/04	Chromium, total (3050)	SO	42		mg/Kg	1	5
GTSO-2	09/13/04	Copper, total (3050)	SO	23		mg/Kg	1	5
GTSO-2	09/13/04	Iron, total (3050)	SO	22900		mg/Kg	1	5
GTSO-2	09/13/04	Lead, total (3050)	SO	18.7		mg/Kg	0.05	0.3
GTSO-2	09/13/04	Magnesium, total (3050)	SO	8980		mg/Kg	20	100
GTSO-2	09/13/04	Manganese, total (3050)	SO	1480		mg/Kg	0.5	3
GTSO-2	09/13/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTSO-2	09/13/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTSO-2	09/13/04	Nickel, total (3050)	SO	26		mg/Kg	1	5
GTSO-2	09/13/04	Potassium, total (3050)	SO	6260		mg/Kg	30	100
GTSO-2	09/13/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTSO-2	09/13/04	Silver, total (3050)	SO	0.32		mg/Kg	0.03	0.1
GTSO-2	09/13/04	Sodium, total (3050)	SO	130		mg/Kg	30	100
GTSO-2	09/13/04	Thallium, total (3050)	SO	0.29	B	mg/Kg	0.05	0.3
GTSO-2	09/13/04	Vanadium, total (3050)	SO	58.6		mg/Kg	0.5	3
GTSO-2	09/13/04	Zinc, total (3050)	SO	113		mg/Kg	1	5
GTSO-3	09/13/04	Aluminum, total (3050)	SO	4620		mg/Kg	3	20
GTSO-3	09/13/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTSO-3	09/13/04	Arsenic, total (3050)	SO	4.3		mg/Kg	0.3	1
GTSO-3	09/13/04	Barium, total (3050)	SO	19.5		mg/Kg	0.3	1
GTSO-3	09/13/04	Beryllium, total (3050)	SO	0.2	B	mg/Kg	0.2	1
GTSO-3	09/13/04	Cadmium, total (3050)	SO	0.9	B	mg/Kg	0.5	2
GTSO-3	09/13/04	Calcium, total (3050)	SO	42500		mg/Kg	20	100

APPENDIX A
TABLE 2
BACKGROUND SOIL
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-3	09/13/04	Chromium, total (3050)	SO	16		mg/Kg	1	5
GTSO-3	09/13/04	Copper, total (3050)	SO	5	B	mg/Kg	1	5
GTSO-3	09/13/04	Iron, total (3050)	SO	6230		mg/Kg	1	5
GTSO-3	09/13/04	Lead, total (3050)	SO	4.67		mg/Kg	0.05	0.3
GTSO-3	09/13/04	Magnesium, total (3050)	SO	20200		mg/Kg	20	100
GTSO-3	09/13/04	Manganese, total (3050)	SO	138		mg/Kg	0.5	3
GTSO-3	09/13/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTSO-3	09/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	1	5
GTSO-3	09/13/04	Nickel, total (3050)	SO	12		mg/Kg	1	5
GTSO-3	09/13/04	Potassium, total (3050)	SO	1210		mg/Kg	30	100
GTSO-3	09/13/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTSO-3	09/13/04	Silver, total (3050)	SO	0.07	B	mg/Kg	0.03	0.1
GTSO-3	09/13/04	Sodium, total (3050)	SO	70	B	mg/Kg	30	100
GTSO-3	09/13/04	Thallium, total (3050)	SO	0.2	B	mg/Kg	0.05	0.3
GTSO-3	09/13/04	Vanadium, total (3050)	SO	15.7		mg/Kg	0.5	3
GTSO-3	09/13/04	Zinc, total (3050)	SO	50		mg/Kg	1	5
GTSO-4	09/13/04	Aluminum, total (3050)	SO	20000		mg/Kg	3	20
GTSO-4	09/13/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTSO-4	09/13/04	Arsenic, total (3050)	SO	5.4		mg/Kg	0.3	1
GTSO-4	09/13/04	Barium, total (3050)	SO	96.5		mg/Kg	0.3	1
GTSO-4	09/13/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTSO-4	09/13/04	Cadmium, total (3050)	SO	3.8		mg/Kg	0.5	2
GTSO-4	09/13/04	Calcium, total (3050)	SO	18300		mg/Kg	20	100
GTSO-4	09/13/04	Chromium, total (3050)	SO	54		mg/Kg	1	5
GTSO-4	09/13/04	Copper, total (3050)	SO	20		mg/Kg	1	5
GTSO-4	09/13/04	Iron, total (3050)	SO	18000		mg/Kg	1	5
GTSO-4	09/13/04	Lead, total (3050)	SO	11.9		mg/Kg	0.05	0.3
GTSO-4	09/13/04	Magnesium, total (3050)	SO	8960		mg/Kg	20	100
GTSO-4	09/13/04	Manganese, total (3050)	SO	988		mg/Kg	0.5	3
GTSO-4	09/13/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTSO-4	09/13/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTSO-4	09/13/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTSO-4	09/13/04	Potassium, total (3050)	SO	3910		mg/Kg	30	100
GTSO-4	09/13/04	Selenium, total (3050)	SO	1.9	B	mg/Kg	0.5	3
GTSO-4	09/13/04	Silver, total (3050)	SO	0.31		mg/Kg	0.03	0.1
GTSO-4	09/13/04	Sodium, total (3050)	SO	140		mg/Kg	30	100
GTSO-4	09/13/04	Thallium, total (3050)	SO	0.29	B	mg/Kg	0.05	0.3
GTSO-4	09/13/04	Vanadium, total (3050)	SO	58		mg/Kg	0.5	3
GTSO-4	09/13/04	Zinc, total (3050)	SO	130		mg/Kg	1	5

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 1-2.5	1	2.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-20 1-2.5	1	2.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-20 1-2.5	1	2.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-20 1-2.5	1	2.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	m p Xylene	SO	0.6	J	ug/Kg	0.4	2
B-20 1-2.5	1	2.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	o Xylene	SO	0.2	J	ug/Kg	0.2	1
B-20 1-2.5	1	2.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Toluene	SO	0.5	J	ug/Kg	0.2	1
B-20 3.5-5	3.5	5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-20 3.5-5	3.5	5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-20 3.5-5	3.5	5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-20 3.5-5	3.5	5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 3.5-5	3.5	5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	m p Xylene	SO	0.4	J	ug/Kg	0.4	2
B-20 3.5-5	3.5	5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-20 3.5-5	3.5	5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Toluene	SO	0.4	J	ug/Kg	0.2	1
B-20 8-9.5	8	9.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-20 8-9.5	8	9.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-20 8-9.5	8	9.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-20 8-9.5	8	9.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-20 8-9.5	8	9.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-20 8-9.5	8	9.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-20 8-9.5	8	9.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 8-9.5	8	9.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-20 8-9.5	8	9.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2
B-20 8-9.5	8	9.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-20 8-9.5	8	9.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-20 8-9.5	8	9.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-20 8-9.5	8	9.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-20 8-9.5	8	9.5	10/13/05	Toluene	SO	0.6	J	ug/Kg	0.2	1
B-21 3-4.5	3	4.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-21 3-4.5	3	4.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-21 3-4.5	3	4.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300

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Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-21 3-4.5	3	4.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2
B-21 3-4.5	3	4.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-21 3-4.5	3	4.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Toluene	SO	0.8	J	ug/Kg	0.2	1
B-21 7-9.5	7	9.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-21 7-9.5	7	9.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-21 7-9.5	7	9.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-21 7-9.5	7	9.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-21 7-9.5	7	9.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-21 7-9.5	7	9.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-21 7-9.5	7	9.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-21 7-9.5	7	9.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	m p Xylene	SO	0.4	J	ug/Kg	0.4	2
B-21 7-9.5	7	9.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-21 7-9.5	7	9.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-21 7-9.5	7	9.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-21 7-9.5	7	9.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-21 7-9.5	7	9.5	10/13/05	Toluene	SO	0.8	J	ug/Kg	0.2	1
B-22 7-8.5	7	8.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-22 7-8.5	7	8.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-22 7-8.5	7	8.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-22 7-8.5	7	8.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-22 7-8.5	7	8.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300

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Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-22 7-8.5	7	8.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	Benzene	SO		U	ug/Kg	2	5
B-22 7-8.5	7	8.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-22 7-8.5	7	8.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	1	5
B-22 7-8.5	7	8.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	m p Xylene	SO		U	ug/Kg	2	10
B-22 7-8.5	7	8.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	o Xylene	SO		U	ug/Kg	1	5
B-22 7-8.5	7	8.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-22 7-8.5	7	8.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-22 7-8.5	7	8.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-22 7-8.5	7	8.5	10/13/05	Toluene	SO	1	J	ug/Kg	1	5
B-23 5-6.5	5	6.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-23 5-6.5	5	6.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-23 5-6.5	5	6.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-23 5-6.5	5	6.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-23 5-6.5	5	6.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-23 5-6.5	5	6.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-23 5-6.5	5	6.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-23 5-6.5	5	6.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-23 5-6.5	5	6.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2
B-23 5-6.5	5	6.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-23 5-6.5	5	6.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-23 5-6.5	5	6.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-23 5-6.5	5	6.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-23 5-6.5	5	6.5	10/13/05	Toluene	SO		U	ug/Kg	0.2	1
B-23 9-10.5	9	10.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-23 9-10.5	9	10.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-23 9-10.5	9	10.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2-Methylnaphthalene	SO	290	J	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-23 9-10.5	9	10.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-23 9-10.5	9	10.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	Benzene	SO		U	ug/Kg	2	5
B-23 9-10.5	9	10.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-23 9-10.5	9	10.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	1	5
B-23 9-10.5	9	10.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	m p Xylene	SO		U	ug/Kg	2	10
B-23 9-10.5	9	10.5	10/13/05	Naphthalene	SO	70	J	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	o Xylene	SO		U	ug/Kg	1	5
B-23 9-10.5	9	10.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-23 9-10.5	9	10.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-23 9-10.5	9	10.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-23 9-10.5	9	10.5	10/13/05	Toluene	SO		U	ug/Kg	1	5

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-24 10-11.5	10	11.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-24 10-11.5	10	11.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-24 10-11.5	10	11.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2-Methylnaphthalene	SO	62000		ug/Kg	1000	7000
B-24 10-11.5	10	11.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-24 10-11.5	10	11.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-24 10-11.5	10	11.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	Acenaphthene	SO	2000		ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	Benzene	SO	5	J	ug/Kg	2	5
B-24 10-11.5	10	11.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-24 10-11.5	10	11.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Dibenzofuran	SO	2230		ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Ethylbenzene	SO	289		ug/Kg	1	5
B-24 10-11.5	10	11.5	10/13/05	Fluoranthene	SO	150	J	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Fluorene	SO	3370		ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	m p Xylene	SO	1350		ug/Kg	2	10
B-24 10-11.5	10	11.5	10/13/05	Naphthalene	SO	3700		ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-24 10-11.5	10	11.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	o Xylene	SO	344		ug/Kg	1	5
B-24 10-11.5	10	11.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-24 10-11.5	10	11.5	10/13/05	Phenanthrene	SO	4260		ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-24 10-11.5	10	11.5	10/13/05	Pyrene	SO	110	J	ug/Kg	70	300
B-24 10-11.5	10	11.5	10/13/05	Toluene	SO	12		ug/Kg	1	5
B-24 5-6.5	5	6.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-24 5-6.5	5	6.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-24 5-6.5	5	6.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-24 5-6.5	5	6.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-24 5-6.5	5	6.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-24 5-6.5	5	6.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-24 5-6.5	5	6.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-24 5-6.5	5	6.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-24 5-6.5	5	6.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	m p Xylene	SO	0.5	J	ug/Kg	0.4	2
B-24 5-6.5	5	6.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-24 5-6.5	5	6.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-24 5-6.5	5	6.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-24 5-6.5	5	6.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-24 5-6.5	5	6.5	10/13/05	Toluene	SO	0.7	J	ug/Kg	0.2	1
GTB-1 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	19500		mg/Kg	3	20
GTB-1 1-3	1	3	07/14/04	Antimony, total (3050)	SO	5.9		mg/Kg	0.1	0.5
GTB-1 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	5		mg/Kg	0.3	1
GTB-1 1-3	1	3	07/14/04	Barium, total (3050)	SO	81.5		mg/Kg	0.3	1
GTB-1 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-1 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	21.9		mg/Kg	0.5	2
GTB-1 1-3	1	3	07/14/04	Calcium, total (3050)	SO	95400		mg/Kg	40	200
GTB-1 1-3	1	3	07/14/04	Chromium, total (3050)	SO	298		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Copper, total (3050)	SO	58		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Iron, total (3050)	SO	13000		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Lead, total (3050)	SO	69.8		mg/Kg	0.05	0.3
GTB-1 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	11300		mg/Kg	20	100
GTB-1 1-3	1	3	07/14/04	Manganese, total (3050)	SO	448		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Mercury, total	SO	0.08	B	mg/Kg	0.04	0.2
GTB-1 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	8		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Nickel, total (3050)	SO	51		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Potassium, total (3050)	SO	10100		mg/Kg	30	100
GTB-1 1-3	1	3	07/14/04	Selenium, total (3050)	SO	10.3		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Silver, total (3050)	SO	12.7		mg/Kg	0.03	0.1
GTB-1 1-3	1	3	07/14/04	Sodium, total (3050)	SO	600		mg/Kg	30	100
GTB-1 1-3	1	3	07/14/04	Thallium, total (3050)	SO	7.3		mg/Kg	0.03	0.1
GTB-1 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	221		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Zinc, total (3050)	SO	3150		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Aluminum, total (3050)	SO	13000		mg/Kg	3	20
GTB-10 3.0-5.0	3	5	07/13/04	Antimony, total (3050)	SO	5.3		mg/Kg	0.1	0.5
GTB-10 3.0-5.0	3	5	07/13/04	Arsenic, total (3050)	SO	9.3		mg/Kg	0.3	1
GTB-10 3.0-5.0	3	5	07/13/04	Barium, total (3050)	SO	91.3		mg/Kg	0.3	1
GTB-10 3.0-5.0	3	5	07/13/04	Beryllium, total (3050)	SO	0.4	B	mg/Kg	0.2	1
GTB-10 3.0-5.0	3	5	07/13/04	Cadmium, total (3050)	SO	6.4		mg/Kg	0.5	2
GTB-10 3.0-5.0	3	5	07/13/04	Calcium, total (3050)	SO	203000		mg/Kg	200	1000
GTB-10 3.0-5.0	3	5	07/13/04	Chromium, total (3050)	SO	304		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Copper, total (3050)	SO	155		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Iron, total (3050)	SO	10900		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Lead, total (3050)	SO	105		mg/Kg	0.05	0.3
GTB-10 3.0-5.0	3	5	07/13/04	Magnesium, total (3050)	SO	3180		mg/Kg	20	100
GTB-10 3.0-5.0	3	5	07/13/04	Manganese, total (3050)	SO	231		mg/Kg	0.5	3
GTB-10 3.0-5.0	3	5	07/13/04	Mercury, total	SO	29.2		mg/Kg	0.5	2
GTB-10 3.0-5.0	3	5	07/13/04	Molybdenum, total (3050)	SO	11		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Nickel, total (3050)	SO	72		mg/Kg	1	5
GTB-10 3.0-5.0	3	5	07/13/04	Potassium, total (3050)	SO	4290		mg/Kg	30	100
GTB-10 3.0-5.0	3	5	07/13/04	Selenium, total (3050)	SO	6		mg/Kg	0.5	3
GTB-10 3.0-5.0	3	5	07/13/04	Silver, total (3050)	SO	12.8		mg/Kg	0.03	0.1
GTB-10 3.0-5.0	3	5	07/13/04	Sodium, total (3050)	SO	1090		mg/Kg	30	100
GTB-10 3.0-5.0	3	5	07/13/04	Thallium, total (3050)	SO	0.84		mg/Kg	0.03	0.1
GTB-10 3.0-5.0	3	5	07/13/04	Vanadium, total (3050)	SO	404		mg/Kg	0.5	3
GTB-10 3.0-5.0	3	5	07/13/04	Zinc, total (3050)	SO	395		mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Aluminum, total (3050)	SO	12800		mg/Kg	3	20
GTB-10 7.0-9.0	3	5	07/13/04	Antimony, total (3050)	SO	1.1		mg/Kg	0.1	0.5

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GTB-10 7.0-9.0	3	5	07/13/04	Arsenic, total (3050)	SO	5.7		mg/Kg	0.3	1
GTB-10 7.0-9.0	3	5	07/13/04	Barium, total (3050)	SO	85.2		mg/Kg	0.3	1
GTB-10 7.0-9.0	3	5	07/13/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.2	1
GTB-10 7.0-9.0	3	5	07/13/04	Cadmium, total (3050)	SO	2.8		mg/Kg	0.5	2
GTB-10 7.0-9.0	3	5	07/13/04	Calcium, total (3050)	SO	71600		mg/Kg	20	100
GTB-10 7.0-9.0	3	5	07/13/04	Chromium, total (3050)	SO	62		mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Copper, total (3050)	SO	28		mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Iron, total (3050)	SO	14500		mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Lead, total (3050)	SO	7.83		mg/Kg	0.05	0.3
GTB-10 7.0-9.0	3	5	07/13/04	Magnesium, total (3050)	SO	5920		mg/Kg	20	100
GTB-10 7.0-9.0	3	5	07/13/04	Manganese, total (3050)	SO	605		mg/Kg	0.5	3
GTB-10 7.0-9.0	3	5	07/13/04	Mercury, total	SO	0.09	B	mg/Kg	0.05	0.2
GTB-10 7.0-9.0	3	5	07/13/04	Molybdenum, total (3050)	SO	3	B	mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Nickel, total (3050)	SO	30		mg/Kg	1	5
GTB-10 7.0-9.0	3	5	07/13/04	Potassium, total (3050)	SO	3060		mg/Kg	30	100
GTB-10 7.0-9.0	3	5	07/13/04	Selenium, total (3050)	SO	1.5	B	mg/Kg	0.5	3
GTB-10 7.0-9.0	3	5	07/13/04	Silver, total (3050)	SO	0.34		mg/Kg	0.03	0.1
GTB-10 7.0-9.0	3	5	07/13/04	Sodium, total (3050)	SO	200		mg/Kg	30	100
GTB-10 7.0-9.0	3	5	07/13/04	Thallium, total (3050)	SO	0.25		mg/Kg	0.03	0.1
GTB-10 7.0-9.0	3	5	07/13/04	Vanadium, total (3050)	SO	54.3		mg/Kg	0.5	3
GTB-10 7.0-9.0	3	5	07/13/04	Zinc, total (3050)	SO	319		mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Aluminum, total (3050)	SO	18000		mg/Kg	3	20
GTB-11 3.0-5.0	3	5	07/13/04	Antimony, total (3050)	SO	0.4	B	mg/Kg	0.1	0.5
GTB-11 3.0-5.0	3	5	07/13/04	Arsenic, total (3050)	SO	7.3		mg/Kg	0.3	1
GTB-11 3.0-5.0	3	5	07/13/04	Barium, total (3050)	SO	164		mg/Kg	0.3	1
GTB-11 3.0-5.0	3	5	07/13/04	Beryllium, total (3050)	SO	0.9	B	mg/Kg	0.2	1
GTB-11 3.0-5.0	3	5	07/13/04	Cadmium, total (3050)	SO	4.5		mg/Kg	0.5	2
GTB-11 3.0-5.0	3	5	07/13/04	Calcium, total (3050)	SO	19300		mg/Kg	20	100
GTB-11 3.0-5.0	3	5	07/13/04	Chromium, total (3050)	SO	65		mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Copper, total (3050)	SO	21		mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Iron, total (3050)	SO	18000		mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Lead, total (3050)	SO	11		mg/Kg	0.05	0.3
GTB-11 3.0-5.0	3	5	07/13/04	Magnesium, total (3050)	SO	6620		mg/Kg	20	100
GTB-11 3.0-5.0	3	5	07/13/04	Manganese, total (3050)	SO	1440		mg/Kg	0.5	3
GTB-11 3.0-5.0	3	5	07/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-11 3.0-5.0	3	5	07/13/04	Molybdenum, total (3050)	SO	3	B	mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Nickel, total (3050)	SO	36		mg/Kg	1	5
GTB-11 3.0-5.0	3	5	07/13/04	Potassium, total (3050)	SO	4170		mg/Kg	30	100
GTB-11 3.0-5.0	3	5	07/13/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-11 3.0-5.0	3	5	07/13/04	Silver, total (3050)	SO	0.51		mg/Kg	0.03	0.1
GTB-11 3.0-5.0	3	5	07/13/04	Sodium, total (3050)	SO	1730		mg/Kg	30	100
GTB-11 3.0-5.0	3	5	07/13/04	Thallium, total (3050)	SO	0.34		mg/Kg	0.03	0.1
GTB-11 3.0-5.0	3	5	07/13/04	Vanadium, total (3050)	SO	50.1		mg/Kg	0.5	3
GTB-11 3.0-5.0	3	5	07/13/04	Zinc, total (3050)	SO	179		mg/Kg	1	5
GTB-12 2.0-4.0	2	4	07/13/04	Aluminum, total (3050)	SO	33600		mg/Kg	30	200
GTB-12 2.0-4.0	2	4	07/13/04	Antimony, total (3050)	SO	2.1		mg/Kg	0.1	0.5
GTB-12 2.0-4.0	2	4	07/13/04	Arsenic, total (3050)	SO	3.5		mg/Kg	0.3	1
GTB-12 2.0-4.0	2	4	07/13/04	Barium, total (3050)	SO	191		mg/Kg	0.3	1
GTB-12 2.0-4.0	2	4	07/13/04	Beryllium, total (3050)	SO	3	B	mg/Kg	2	10
GTB-12 2.0-4.0	2	4	07/13/04	Cadmium, total (3050)	SO	44		mg/Kg	5	20
GTB-12 2.0-4.0	2	4	07/13/04	Calcium, total (3050)	SO	248000		mg/Kg	200	1000
GTB-12 2.0-4.0	2	4	07/13/04	Chromium, total (3050)	SO	450		mg/Kg	10	50
GTB-12 2.0-4.0	2	4	07/13/04	Copper, total (3050)	SO	20	B	mg/Kg	10	50
GTB-12 2.0-4.0	2	4	07/13/04	Iron, total (3050)	SO	5720		mg/Kg	10	50
GTB-12 2.0-4.0	2	4	07/13/04	Lead, total (3050)	SO	5.34		mg/Kg	0.05	0.3
GTB-12 2.0-4.0	2	4	07/13/04	Magnesium, total (3050)	SO	4500		mg/Kg	200	1000
GTB-12 2.0-4.0	2	4	07/13/04	Manganese, total (3050)	SO	191		mg/Kg	5	30
GTB-12 2.0-4.0	2	4	07/13/04	Mercury, total	SO	0.05	B	mg/Kg	0.04	0.2
GTB-12 2.0-4.0	2	4	07/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTB-12 2.0-4.0	2	4	07/13/04	Nickel, total (3050)	SO	30	B	mg/Kg	10	50
GTB-12 2.0-4.0	2	4	07/13/04	Potassium, total (3050)	SO	8950		mg/Kg	30	100
GTB-12 2.0-4.0	2	4	07/13/04	Selenium, total (3050)	SO	18.6		mg/Kg	0.5	3
GTB-12 2.0-4.0	2	4	07/13/04	Silver, total (3050)	SO	1.75		mg/Kg	0.03	0.1
GTB-12 2.0-4.0	2	4	07/13/04	Sodium, total (3050)	SO	2880		mg/Kg	30	100

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-12 2.0-4.0	2	4	07/13/04	Thallium, total (3050)	SO	0.89		mg/Kg	0.03	0.1
GTB-12 2.0-4.0	2	4	07/13/04	Vanadium, total (3050)	SO	554		mg/Kg	5	30
GTB-12 2.0-4.0	2	4	07/13/04	Zinc, total (3050)	SO	710		mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Aluminum, total (3050)	SO	31100		mg/Kg	30	200
GTB-12 5.0-7.0	5	7	07/13/04	Antimony, total (3050)	SO	1.1		mg/Kg	0.1	0.5
GTB-12 5.0-7.0	5	7	07/13/04	Arsenic, total (3050)	SO	2.5		mg/Kg	0.3	1
GTB-12 5.0-7.0	5	7	07/13/04	Barium, total (3050)	SO	184		mg/Kg	0.3	1
GTB-12 5.0-7.0	5	7	07/13/04	Beryllium, total (3050)	SO	2	B	mg/Kg	2	10
GTB-12 5.0-7.0	5	7	07/13/04	Cadmium, total (3050)	SO	26		mg/Kg	5	20
GTB-12 5.0-7.0	5	7	07/13/04	Calcium, total (3050)	SO	262000		mg/Kg	200	1000
GTB-12 5.0-7.0	5	7	07/13/04	Chromium, total (3050)	SO	320		mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Copper, total (3050)	SO	20	B	mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Iron, total (3050)	SO	4240		mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Lead, total (3050)	SO	5.5		mg/Kg	0.05	0.3
GTB-12 5.0-7.0	5	7	07/13/04	Magnesium, total (3050)	SO	5000		mg/Kg	200	1000
GTB-12 5.0-7.0	5	7	07/13/04	Manganese, total (3050)	SO	179		mg/Kg	5	30
GTB-12 5.0-7.0	5	7	07/13/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-12 5.0-7.0	5	7	07/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Nickel, total (3050)	SO	20	B	mg/Kg	10	50
GTB-12 5.0-7.0	5	7	07/13/04	Potassium, total (3050)	SO	9710		mg/Kg	30	100
GTB-12 5.0-7.0	5	7	07/13/04	Selenium, total (3050)	SO	18.7		mg/Kg	0.5	3
GTB-12 5.0-7.0	5	7	07/13/04	Silver, total (3050)	SO	1.51		mg/Kg	0.03	0.1
GTB-12 5.0-7.0	5	7	07/13/04	Sodium, total (3050)	SO	3400		mg/Kg	30	100
GTB-12 5.0-7.0	5	7	07/13/04	Thallium, total (3050)	SO	0.55		mg/Kg	0.03	0.1
GTB-12 5.0-7.0	5	7	07/13/04	Vanadium, total (3050)	SO	356		mg/Kg	5	30
GTB-12 5.0-7.0	5	7	07/13/04	Zinc, total (3050)	SO	350		mg/Kg	10	50
GTB-13 2-4	2	4	07/13/04	Aluminum, total (3050)	SO	13100		mg/Kg	3	20
GTB-13 2-4	2	4	07/13/04	Antimony, total (3050)	SO	1.6		mg/Kg	0.1	0.5
GTB-13 2-4	2	4	07/13/04	Arsenic, total (3050)	SO	6.5		mg/Kg	0.3	1
GTB-13 2-4	2	4	07/13/04	Barium, total (3050)	SO	87.3		mg/Kg	0.3	1
GTB-13 2-4	2	4	07/13/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTB-13 2-4	2	4	07/13/04	Cadmium, total (3050)	SO	28.8		mg/Kg	0.5	2
GTB-13 2-4	2	4	07/13/04	Calcium, total (3050)	SO	201000		mg/Kg	200	1000
GTB-13 2-4	2	4	07/13/04	Chromium, total (3050)	SO	247		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Copper, total (3050)	SO	34		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Iron, total (3050)	SO	7660		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Lead, total (3050)	SO	11		mg/Kg	0.05	0.3
GTB-13 2-4	2	4	07/13/04	Magnesium, total (3050)	SO	3830		mg/Kg	20	100
GTB-13 2-4	2	4	07/13/04	Manganese, total (3050)	SO	251		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Mercury, total	SO	0.11	B	mg/Kg	0.05	0.2
GTB-13 2-4	2	4	07/13/04	Molybdenum, total (3050)	SO	7		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Nickel, total (3050)	SO	56		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Potassium, total (3050)	SO	4980		mg/Kg	30	100
GTB-13 2-4	2	4	07/13/04	Selenium, total (3050)	SO	8.2		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Silver, total (3050)	SO	2.26		mg/Kg	0.03	0.1
GTB-13 2-4	2	4	07/13/04	Sodium, total (3050)	SO	1160		mg/Kg	30	100
GTB-13 2-4	2	4	07/13/04	Thallium, total (3050)	SO	0.76		mg/Kg	0.03	0.1
GTB-13 2-4	2	4	07/13/04	Vanadium, total (3050)	SO	245		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Zinc, total (3050)	SO	638		mg/Kg	1	5
GTB-13 7-9	7	9	07/13/04	Aluminum, total (3050)	SO	16500		mg/Kg	3	20
GTB-13 7-9	7	9	07/13/04	Antimony, total (3050)	SO	1		mg/Kg	0.1	0.5
GTB-13 7-9	7	9	07/13/04	Arsenic, total (3050)	SO	9.2		mg/Kg	0.3	1
GTB-13 7-9	7	9	07/13/04	Barium, total (3050)	SO	76.4		mg/Kg	0.3	1
GTB-13 7-9	7	9	07/13/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-13 7-9	7	9	07/13/04	Cadmium, total (3050)	SO	9.1		mg/Kg	0.5	2
GTB-13 7-9	7	9	07/13/04	Calcium, total (3050)	SO	95800		mg/Kg	40	200
GTB-13 7-9	7	9	07/13/04	Chromium, total (3050)	SO	178		mg/Kg	1	5
GTB-13 7-9	7	9	07/13/04	Copper, total (3050)	SO	29		mg/Kg	1	5
GTB-13 7-9	7	9	07/13/04	Iron, total (3050)	SO	14000		mg/Kg	1	5
GTB-13 7-9	7	9	07/13/04	Lead, total (3050)	SO	7.64		mg/Kg	0.05	0.3
GTB-13 7-9	7	9	07/13/04	Magnesium, total (3050)	SO	14800		mg/Kg	20	100
GTB-13 7-9	7	9	07/13/04	Manganese, total (3050)	SO	563		mg/Kg	0.5	3
GTB-13 7-9	7	9	07/13/04	Mercury, total	SO	0.14	B	mg/Kg	0.04	0.2
GTB-13 7-9	7	9	07/13/04	Molybdenum, total (3050)	SO	8		mg/Kg	1	5

APPENDIX A
TABLE 3
SOIL - HH
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-13 7-9	7	9	07/13/04	Nickel, total (3050)	SO	64		mg/Kg	1	5
GTB-13 7-9	7	9	07/13/04	Potassium, total (3050)	SO	5460		mg/Kg	30	100
GTB-13 7-9	7	9	07/13/04	Selenium, total (3050)	SO	8.6		mg/Kg	0.5	3
GTB-13 7-9	7	9	07/13/04	Silver, total (3050)	SO	1.66		mg/Kg	0.03	0.1
GTB-13 7-9	7	9	07/13/04	Sodium, total (3050)	SO	590		mg/Kg	30	100
GTB-13 7-9	7	9	07/13/04	Thallium, total (3050)	SO	0.49		mg/Kg	0.03	0.1
GTB-13 7-9	7	9	07/13/04	Vanadium, total (3050)	SO	134		mg/Kg	0.5	3
GTB-13 7-9	7	9	07/13/04	Zinc, total (3050)	SO	291		mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Aluminum, total (3050)	SO	24400		mg/Kg	3	20
GTB-14 1.0-3.0	1	3	07/12/04	Antimony, total (3050)	SO	0.4	B	mg/Kg	0.1	0.5
GTB-14 1.0-3.0	1	3	07/12/04	Arsenic, total (3050)	SO	6.3		mg/Kg	0.3	1
GTB-14 1.0-3.0	1	3	07/12/04	Barium, total (3050)	SO	129		mg/Kg	0.3	1
GTB-14 1.0-3.0	1	3	07/12/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTB-14 1.0-3.0	1	3	07/12/04	Cadmium, total (3050)	SO	5.4		mg/Kg	0.5	2
GTB-14 1.0-3.0	1	3	07/12/04	Calcium, total (3050)	SO	66000		mg/Kg	20	100
GTB-14 1.0-3.0	1	3	07/12/04	Chromium, total (3050)	SO	78		mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Copper, total (3050)	SO	30		mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Iron, total (3050)	SO	21300		mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Lead, total (3050)	SO	14.8		mg/Kg	0.05	0.3
GTB-14 1.0-3.0	1	3	07/12/04	Magnesium, total (3050)	SO	11600		mg/Kg	20	100
GTB-14 1.0-3.0	1	3	07/12/04	Manganese, total (3050)	SO	1300		mg/Kg	0.5	3
GTB-14 1.0-3.0	1	3	07/12/04	Mercury, total	SO	0.06	BH	mg/Kg	0.05	0.2
GTB-14 1.0-3.0	1	3	07/12/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTB-14 1.0-3.0	1	3	07/12/04	Potassium, total (3050)	SO	7050		mg/Kg	30	100
GTB-14 1.0-3.0	1	3	07/12/04	Selenium, total (3050)	SO	1.9	B	mg/Kg	0.5	3
GTB-14 1.0-3.0	1	3	07/12/04	Silver, total (3050)	SO	0.65		mg/Kg	0.03	0.1
GTB-14 1.0-3.0	1	3	07/12/04	Sodium, total (3050)	SO	250		mg/Kg	30	100
GTB-14 1.0-3.0	1	3	07/12/04	Thallium, total (3050)	SO	0.44		mg/Kg	0.03	0.1
GTB-14 1.0-3.0	1	3	07/12/04	Vanadium, total (3050)	SO	104		mg/Kg	0.5	3
GTB-14 1.0-3.0	1	3	07/12/04	Zinc, total (3050)	SO	147		mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Aluminum, total (3050)	SO	13700		mg/Kg	3	20
GTB-14 5.0-7.0	5	7	07/12/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-14 5.0-7.0	5	7	07/12/04	Arsenic, total (3050)	SO	5.6		mg/Kg	0.3	1
GTB-14 5.0-7.0	5	7	07/12/04	Barium, total (3050)	SO	132		mg/Kg	0.3	1
GTB-14 5.0-7.0	5	7	07/12/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-14 5.0-7.0	5	7	07/12/04	Cadmium, total (3050)	SO	2.7		mg/Kg	0.5	2
GTB-14 5.0-7.0	5	7	07/12/04	Calcium, total (3050)	SO	72900		mg/Kg	20	100
GTB-14 5.0-7.0	5	7	07/12/04	Chromium, total (3050)	SO	40		mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Copper, total (3050)	SO	16		mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Iron, total (3050)	SO	15200		mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Lead, total (3050)	SO	10.2		mg/Kg	0.05	0.3
GTB-14 5.0-7.0	5	7	07/12/04	Magnesium, total (3050)	SO	6910		mg/Kg	20	100
GTB-14 5.0-7.0	5	7	07/12/04	Manganese, total (3050)	SO	1630		mg/Kg	0.5	3
GTB-14 5.0-7.0	5	7	07/12/04	Mercury, total	SO		UH	mg/Kg	0.05	0.2
GTB-14 5.0-7.0	5	7	07/12/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Nickel, total (3050)	SO	27		mg/Kg	1	5
GTB-14 5.0-7.0	5	7	07/12/04	Potassium, total (3050)	SO	3850		mg/Kg	30	100
GTB-14 5.0-7.0	5	7	07/12/04	Selenium, total (3050)	SO	0.7	B	mg/Kg	0.5	3
GTB-14 5.0-7.0	5	7	07/12/04	Silver, total (3050)	SO	0.21		mg/Kg	0.03	0.1
GTB-14 5.0-7.0	5	7	07/12/04	Sodium, total (3050)	SO	140		mg/Kg	30	100
GTB-14 5.0-7.0	5	7	07/12/04	Thallium, total (3050)	SO	0.28		mg/Kg	0.03	0.1
GTB-14 5.0-7.0	5	7	07/12/04	Vanadium, total (3050)	SO	37.2		mg/Kg	0.5	3
GTB-14 5.0-7.0	5	7	07/12/04	Zinc, total (3050)	SO	96		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Aluminum, total (3050)	SO	17300		mg/Kg	6	30
GTB-15 1-3	1	3	07/12/04	Antimony, total (3050)	SO	2.6		mg/Kg	0.1	0.5
GTB-15 1-3	1	3	07/12/04	Arsenic, total (3050)	SO	10.5		mg/Kg	0.3	1
GTB-15 1-3	1	3	07/12/04	Barium, total (3050)	SO	89.3		mg/Kg	0.6	2
GTB-15 1-3	1	3	07/12/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.4	2
GTB-15 1-3	1	3	07/12/04	Cadmium, total (3050)	SO	20		mg/Kg	1	3
GTB-15 1-3	1	3	07/12/04	Calcium, total (3050)	SO	135000		mg/Kg	40	200
GTB-15 1-3	1	3	07/12/04	Chromium, total (3050)	SO	383		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Copper, total (3050)	SO	60		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Iron, total (3050)	SO	13200		mg/Kg	2	10

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-15 1-3	1	3	07/12/04	Lead, total (3050)	SO	65.3		mg/Kg	0.05	0.3
GTB-15 1-3	1	3	07/12/04	Magnesium, total (3050)	SO	10500		mg/Kg	40	200
GTB-15 1-3	1	3	07/12/04	Manganese, total (3050)	SO	587		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Mercury, total	SO	0.17	BH	mg/Kg	0.05	0.2
GTB-15 1-3	1	3	07/12/04	Molybdenum, total (3050)	SO	12		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Nickel, total (3050)	SO	90		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Potassium, total (3050)	SO	5560		mg/Kg	60	200
GTB-15 1-3	1	3	07/12/04	Selenium, total (3050)	SO	19.1		mg/Kg	0.5	3
GTB-15 1-3	1	3	07/12/04	Silver, total (3050)	SO	4.44		mg/Kg	0.03	0.1
GTB-15 1-3	1	3	07/12/04	Sodium, total (3050)	SO	630		mg/Kg	60	200
GTB-15 1-3	1	3	07/12/04	Thallium, total (3050)	SO	1.16		mg/Kg	0.03	0.1
GTB-15 1-3	1	3	07/12/04	Vanadium, total (3050)	SO	376		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Zinc, total (3050)	SO	441		mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Aluminum, total (3050)	SO	22100		mg/Kg	6	30
GTB-15 5-7	5	7	07/12/04	Antimony, total (3050)	SO	1.4		mg/Kg	0.1	0.5
GTB-15 5-7	5	7	07/12/04	Arsenic, total (3050)	SO	7.1		mg/Kg	0.3	1
GTB-15 5-7	5	7	07/12/04	Barium, total (3050)	SO	86.7		mg/Kg	0.6	2
GTB-15 5-7	5	7	07/12/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.4	2
GTB-15 5-7	5	7	07/12/04	Cadmium, total (3050)	SO	3	B	mg/Kg	1	3
GTB-15 5-7	5	7	07/12/04	Calcium, total (3050)	SO	99200		mg/Kg	40	200
GTB-15 5-7	5	7	07/12/04	Chromium, total (3050)	SO	167		mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Copper, total (3050)	SO	37		mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Iron, total (3050)	SO	18200		mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Lead, total (3050)	SO	86		mg/Kg	0.05	0.3
GTB-15 5-7	5	7	07/12/04	Magnesium, total (3050)	SO	12400		mg/Kg	40	200
GTB-15 5-7	5	7	07/12/04	Manganese, total (3050)	SO	859		mg/Kg	1	5
GTB-15 5-7	5	7	07/12/04	Mercury, total	SO		UH	mg/Kg	0.05	0.2
GTB-15 5-7	5	7	07/12/04	Molybdenum, total (3050)	SO	6	B	mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Nickel, total (3050)	SO	51		mg/Kg	2	10
GTB-15 5-7	5	7	07/12/04	Potassium, total (3050)	SO	6690		mg/Kg	60	200
GTB-15 5-7	5	7	07/12/04	Selenium, total (3050)	SO	2.9	B	mg/Kg	0.5	3
GTB-15 5-7	5	7	07/12/04	Silver, total (3050)	SO	1.32		mg/Kg	0.03	0.1
GTB-15 5-7	5	7	07/12/04	Sodium, total (3050)	SO	350		mg/Kg	60	200
GTB-15 5-7	5	7	07/12/04	Thallium, total (3050)	SO	0.31		mg/Kg	0.03	0.1
GTB-15 5-7	5	7	07/12/04	Vanadium, total (3050)	SO	214		mg/Kg	1	5
GTB-15 5-7	5	7	07/12/04	Zinc, total (3050)	SO	157		mg/Kg	2	10
GTB-16 10-11.5	10	11.5	07/12/04	Aluminum, total (3050)	SO	19900		mg/Kg	3	20
GTB-16 10-11.5	10	11.5	07/12/04	Antimony, total (3050)	SO	0.2	B	mg/Kg	0.1	0.5
GTB-16 10-11.5	10	11.5	07/12/04	Arsenic, total (3050)	SO	4.9		mg/Kg	0.3	1
GTB-16 10-11.5	10	11.5	07/12/04	Barium, total (3050)	SO	130		mg/Kg	0.3	1
GTB-16 10-11.5	10	11.5	07/12/04	Beryllium, total (3050)	SO	5.7		mg/Kg	0.2	1
GTB-16 10-11.5	10	11.5	07/12/04	Cadmium, total (3050)	SO	6.1		mg/Kg	0.5	2
GTB-16 10-11.5	10	11.5	07/12/04	Calcium, total (3050)	SO	33600		mg/Kg	20	100
GTB-16 10-11.5	10	11.5	07/12/04	Chromium, total (3050)	SO	41		mg/Kg	1	5
GTB-16 10-11.5	10	11.5	07/12/04	Copper, total (3050)	SO	25		mg/Kg	1	5
GTB-16 10-11.5	10	11.5	07/12/04	Iron, total (3050)	SO	20500		mg/Kg	1	5
GTB-16 10-11.5	10	11.5	07/12/04	Lead, total (3050)	SO	13.4		mg/Kg	0.05	0.3
GTB-16 10-11.5	10	11.5	07/12/04	Magnesium, total (3050)	SO	11600		mg/Kg	20	100
GTB-16 10-11.5	10	11.5	07/12/04	Manganese, total (3050)	SO	1800		mg/Kg	0.5	3
GTB-16 10-11.5	10	11.5	07/12/04	Mercury, total	SO		UH	mg/Kg	0.05	0.2
GTB-16 10-11.5	10	11.5	07/12/04	Molybdenum, total (3050)	SO	5	B	mg/Kg	1	5
GTB-16 10-11.5	10	11.5	07/12/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTB-16 10-11.5	10	11.5	07/12/04	Potassium, total (3050)	SO	4960		mg/Kg	30	100
GTB-16 10-11.5	10	11.5	07/12/04	Selenium, total (3050)	SO	0.9	B	mg/Kg	0.5	3
GTB-16 10-11.5	10	11.5	07/12/04	Silver, total (3050)	SO	0.14		mg/Kg	0.03	0.1
GTB-16 10-11.5	10	11.5	07/12/04	Sodium, total (3050)	SO	150		mg/Kg	30	100
GTB-16 10-11.5	10	11.5	07/12/04	Thallium, total (3050)	SO	0.27		mg/Kg	0.03	0.1
GTB-16 10-11.5	10	11.5	07/12/04	Vanadium, total (3050)	SO	42.7		mg/Kg	0.5	3
GTB-16 10-11.5	10	11.5	07/12/04	Zinc, total (3050)	SO	101		mg/Kg	1	5
GTB-16 1-3	1	3	07/12/04	Aluminum, total (3050)	SO	18500		mg/Kg	6	30
GTB-16 1-3	1	3	07/12/04	Antimony, total (3050)	SO	2.2		mg/Kg	0.1	0.5
GTB-16 1-3	1	3	07/12/04	Arsenic, total (3050)	SO	10.9		mg/Kg	0.3	1
GTB-16 1-3	1	3	07/12/04	Barium, total (3050)	SO	104		mg/Kg	0.6	2
GTB-16 1-3	1	3	07/12/04	Beryllium, total (3050)	SO	1	B	mg/Kg	0.4	2

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-16 1-3	1	3	07/12/04	Cadmium, total (3050)	SO	30		mg/Kg	1	3
GTB-16 1-3	1	3	07/12/04	Calcium, total (3050)	SO	159000		mg/Kg	40	200
GTB-16 1-3	1	3	07/12/04	Chromium, total (3050)	SO	366		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Copper, total (3050)	SO	48		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Iron, total (3050)	SO	9960		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Lead, total (3050)	SO	18		mg/Kg	0.05	0.3
GTB-16 1-3	1	3	07/12/04	Magnesium, total (3050)	SO	7390		mg/Kg	40	200
GTB-16 1-3	1	3	07/12/04	Manganese, total (3050)	SO	426		mg/Kg	1	5
GTB-16 1-3	1	3	07/12/04	Mercury, total	SO	0.22	H	mg/Kg	0.04	0.2
GTB-16 1-3	1	3	07/12/04	Molybdenum, total (3050)	SO	9	B	mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Nickel, total (3050)	SO	74		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Potassium, total (3050)	SO	6910		mg/Kg	60	200
GTB-16 1-3	1	3	07/12/04	Selenium, total (3050)	SO	18.2		mg/Kg	0.5	3
GTB-16 1-3	1	3	07/12/04	Silver, total (3050)	SO	2.73		mg/Kg	0.03	0.1
GTB-16 1-3	1	3	07/12/04	Sodium, total (3050)	SO	1600		mg/Kg	60	200
GTB-16 1-3	1	3	07/12/04	Thallium, total (3050)	SO	1.14		mg/Kg	0.03	0.1
GTB-16 1-3	1	3	07/12/04	Vanadium, total (3050)	SO	346		mg/Kg	1	5
GTB-16 1-3	1	3	07/12/04	Zinc, total (3050)	SO	423		mg/Kg	2	10
GTB-17 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	14300		mg/Kg	3	20
GTB-17 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-17 1-3	1	3	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	4.5		mg/Kg	0.3	1
GTB-17 1-3	1	3	07/14/04	Barium, total (3050)	SO	72.2		mg/Kg	0.3	1
GTB-17 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.2	1
GTB-17 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	1.9	B	mg/Kg	0.5	2
GTB-17 1-3	1	3	07/14/04	Calcium, total (3050)	SO	40500		mg/Kg	20	100
GTB-17 1-3	1	3	07/14/04	Chromium, total (3050)	SO	129		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Copper, total (3050)	SO	18		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Iron, total (3050)	SO	13800		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Lead, total (3050)	SO	66.5		mg/Kg	0.05	0.3
GTB-17 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	4430		mg/Kg	20	100
GTB-17 1-3	1	3	07/14/04	Manganese, total (3050)	SO	854		mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Mercury, total	SO	0.04	B	mg/Kg	0.04	0.2
GTB-17 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Nickel, total (3050)	SO	42		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Potassium, total (3050)	SO	4310		mg/Kg	30	100
GTB-17 1-3	1	3	07/14/04	Selenium, total (3050)	SO	1.5	B	mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.41		mg/Kg	0.03	0.1
GTB-17 1-3	1	3	07/14/04	Sodium, total (3050)	SO	220		mg/Kg	30	100
GTB-17 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.36		mg/Kg	0.03	0.1
GTB-17 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	47.9		mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Zinc, total (3050)	SO	188		mg/Kg	1	5
GTB-17 7-9	7	9	07/14/04	Aluminum, total (3050)	SO	19400		mg/Kg	3	20
GTB-17 7-9	7	9	07/14/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-17 7-9	7	9	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-17 7-9	7	9	07/14/04	Arsenic, total (3050)	SO	5.2		mg/Kg	0.3	1
GTB-17 7-9	7	9	07/14/04	Barium, total (3050)	SO	133		mg/Kg	0.3	1
GTB-17 7-9	7	9	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-17 7-9	7	9	07/14/04	Cadmium, total (3050)	SO	4.8		mg/Kg	0.5	2
GTB-17 7-9	7	9	07/14/04	Calcium, total (3050)	SO	38700		mg/Kg	20	100
GTB-17 7-9	7	9	07/14/04	Chromium, total (3050)	SO	70		mg/Kg	1	5
GTB-17 7-9	7	9	07/14/04	Copper, total (3050)	SO	22		mg/Kg	1	5

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-17 7-9	7	9	07/14/04	Iron, total (3050)	SO	17100		mg/Kg	1	5
GTB-17 7-9	7	9	07/14/04	Lead, total (3050)	SO	10.9		mg/Kg	0.05	0.3
GTB-17 7-9	7	9	07/14/04	Magnesium, total (3050)	SO	8440		mg/Kg	20	100
GTB-17 7-9	7	9	07/14/04	Manganese, total (3050)	SO	1210		mg/Kg	0.5	3
GTB-17 7-9	7	9	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-17 7-9	7	9	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-17 7-9	7	9	07/14/04	Nickel, total (3050)	SO	39		mg/Kg	1	5
GTB-17 7-9	7	9	07/14/04	Potassium, total (3050)	SO	5290		mg/Kg	30	100
GTB-17 7-9	7	9	07/14/04	Selenium, total (3050)	SO	1.2	B	mg/Kg	0.5	3
GTB-17 7-9	7	9	07/14/04	Silver, total (3050)	SO	0.55		mg/Kg	0.03	0.1
GTB-17 7-9	7	9	07/14/04	Sodium, total (3050)	SO	210		mg/Kg	30	100
GTB-17 7-9	7	9	07/14/04	Thallium, total (3050)	SO	0.31		mg/Kg	0.03	0.1
GTB-17 7-9	7	9	07/14/04	Vanadium, total (3050)	SO	49.9		mg/Kg	0.5	3
GTB-17 7-9	7	9	07/14/04	Zinc, total (3050)	SO	183		mg/Kg	1	5
GTB-3 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	26200		mg/Kg	20	80
GTB-3 1-3	1	3	07/14/04	Antimony, total (3050)	SO	3.6		mg/Kg	0.1	0.5
GTB-3 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	3		mg/Kg	0.3	1
GTB-3 1-3	1	3	07/14/04	Barium, total (3050)	SO	142		mg/Kg	0.3	1
GTB-3 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	2	B	mg/Kg	1	5
GTB-3 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	9		mg/Kg	3	8
GTB-3 1-3	1	3	07/14/04	Calcium, total (3050)	SO	216000		mg/Kg	100	500
GTB-3 1-3	1	3	07/14/04	Chromium, total (3050)	SO	281		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Copper, total (3050)	SO	42		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Iron, total (3050)	SO	7670		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Lead, total (3050)	SO	188		mg/Kg	0.05	0.3
GTB-3 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	6200		mg/Kg	100	500
GTB-3 1-3	1	3	07/14/04	Manganese, total (3050)	SO	559		mg/Kg	3	10
GTB-3 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-3 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO		U	mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Nickel, total (3050)	SO	30	B	mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Potassium, total (3050)	SO	10400		mg/Kg	30	100
GTB-3 1-3	1	3	07/14/04	Selenium, total (3050)	SO	12.8		mg/Kg	0.5	3
GTB-3 1-3	1	3	07/14/04	Silver, total (3050)	SO	25.9		mg/Kg	0.05	0.3
GTB-3 1-3	1	3	07/14/04	Sodium, total (3050)	SO	2220		mg/Kg	30	100
GTB-3 1-3	1	3	07/14/04	Thallium, total (3050)	SO	3.16		mg/Kg	0.03	0.1
GTB-3 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	246		mg/Kg	3	10
GTB-3 1-3	1	3	07/14/04	Zinc, total (3050)	SO	2860		mg/Kg	5	30
GTB-3 6-8	6	8	07/14/04	Aluminum, total (3050)	SO	18500		mg/Kg	3	20
GTB-3 6-8	6	8	07/14/04	Antimony, total (3050)	SO	0.5	B	mg/Kg	0.1	0.5
GTB-3 6-8	6	8	07/14/04	Arsenic, total (3050)	SO	6.7		mg/Kg	0.3	1
GTB-3 6-8	6	8	07/14/04	Barium, total (3050)	SO	69.5		mg/Kg	0.3	1
GTB-3 6-8	6	8	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-3 6-8	6	8	07/14/04	Cadmium, total (3050)	SO	7.4		mg/Kg	0.5	2
GTB-3 6-8	6	8	07/14/04	Calcium, total (3050)	SO	69700		mg/Kg	20	100
GTB-3 6-8	6	8	07/14/04	Chromium, total (3050)	SO	108		mg/Kg	1	5
GTB-3 6-8	6	8	07/14/04	Copper, total (3050)	SO	17		mg/Kg	1	5
GTB-3 6-8	6	8	07/14/04	Iron, total (3050)	SO	13300		mg/Kg	1	5
GTB-3 6-8	6	8	07/14/04	Lead, total (3050)	SO	9.48		mg/Kg	0.05	0.3
GTB-3 6-8	6	8	07/14/04	Magnesium, total (3050)	SO	14200		mg/Kg	20	100
GTB-3 6-8	6	8	07/14/04	Manganese, total (3050)	SO	579		mg/Kg	0.5	3
GTB-3 6-8	6	8	07/14/04	Mercury, total	SO	0.05	B	mg/Kg	0.05	0.2
GTB-3 6-8	6	8	07/14/04	Molybdenum, total (3050)	SO	3	B	mg/Kg	1	5
GTB-3 6-8	6	8	07/14/04	Nickel, total (3050)	SO	50		mg/Kg	1	5
GTB-3 6-8	6	8	07/14/04	Potassium, total (3050)	SO	7000		mg/Kg	30	100
GTB-3 6-8	6	8	07/14/04	Selenium, total (3050)	SO	1.9	B	mg/Kg	0.5	3
GTB-3 6-8	6	8	07/14/04	Silver, total (3050)	SO	0.89		mg/Kg	0.03	0.1
GTB-3 6-8	6	8	07/14/04	Sodium, total (3050)	SO	450		mg/Kg	30	100
GTB-3 6-8	6	8	07/14/04	Thallium, total (3050)	SO	0.75		mg/Kg	0.03	0.1
GTB-3 6-8	6	8	07/14/04	Vanadium, total (3050)	SO	93.9		mg/Kg	0.5	3
GTB-3 6-8	6	8	07/14/04	Zinc, total (3050)	SO	260		mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Aluminum, total (3050)	SO	26100		mg/Kg	3	20
GTB-4 2.0-4.0	2	4	07/14/04	Antimony, total (3050)	SO	0.5	B	mg/Kg	0.1	0.5
GTB-4 2.0-4.0	2	4	07/14/04	Arsenic, total (3050)	SO	5.9		mg/Kg	0.3	1
GTB-4 2.0-4.0	2	4	07/14/04	Barium, total (3050)	SO	121		mg/Kg	0.3	1

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-4 2.0-4.0	2	4	07/14/04	Beryllium, total (3050)	SO	1	B	mg/Kg	0.2	1
GTB-4 2.0-4.0	2	4	07/14/04	Cadmium, total (3050)	SO	2.6		mg/Kg	0.5	2
GTB-4 2.0-4.0	2	4	07/14/04	Calcium, total (3050)	SO	67900		mg/Kg	20	100
GTB-4 2.0-4.0	2	4	07/14/04	Chromium, total (3050)	SO	63		mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Copper, total (3050)	SO	27		mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Iron, total (3050)	SO	21400		mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Lead, total (3050)	SO	34		mg/Kg	0.05	0.3
GTB-4 2.0-4.0	2	4	07/14/04	Magnesium, total (3050)	SO	17100		mg/Kg	20	100
GTB-4 2.0-4.0	2	4	07/14/04	Manganese, total (3050)	SO	1330		mg/Kg	0.5	3
GTB-4 2.0-4.0	2	4	07/14/04	Mercury, total	SO	0.13	B	mg/Kg	0.04	0.2
GTB-4 2.0-4.0	2	4	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTB-4 2.0-4.0	2	4	07/14/04	Potassium, total (3050)	SO	8030		mg/Kg	30	100
GTB-4 2.0-4.0	2	4	07/14/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-4 2.0-4.0	2	4	07/14/04	Silver, total (3050)	SO	1.23		mg/Kg	0.03	0.1
GTB-4 2.0-4.0	2	4	07/14/04	Sodium, total (3050)	SO	260		mg/Kg	30	100
GTB-4 2.0-4.0	2	4	07/14/04	Thallium, total (3050)	SO	0.39		mg/Kg	0.03	0.1
GTB-4 2.0-4.0	2	4	07/14/04	Vanadium, total (3050)	SO	76		mg/Kg	0.5	3
GTB-4 2.0-4.0	2	4	07/14/04	Zinc, total (3050)	SO	188		mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Aluminum, total (3050)	SO	29400		mg/Kg	3	20
GTB-4 6.0-8.0	6	8	07/14/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTB-4 6.0-8.0	6	8	07/14/04	Arsenic, total (3050)	SO	4.5		mg/Kg	0.3	1
GTB-4 6.0-8.0	6	8	07/14/04	Barium, total (3050)	SO	96		mg/Kg	0.3	1
GTB-4 6.0-8.0	6	8	07/14/04	Beryllium, total (3050)	SO	1.2		mg/Kg	0.2	1
GTB-4 6.0-8.0	6	8	07/14/04	Cadmium, total (3050)	SO	1	B	mg/Kg	0.5	2
GTB-4 6.0-8.0	6	8	07/14/04	Calcium, total (3050)	SO	42100		mg/Kg	20	100
GTB-4 6.0-8.0	6	8	07/14/04	Chromium, total (3050)	SO	30		mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Copper, total (3050)	SO	28		mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Iron, total (3050)	SO	27600		mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Lead, total (3050)	SO	14.4		mg/Kg	0.05	0.3
GTB-4 6.0-8.0	6	8	07/14/04	Magnesium, total (3050)	SO	18100		mg/Kg	20	100
GTB-4 6.0-8.0	6	8	07/14/04	Manganese, total (3050)	SO	1270		mg/Kg	0.5	3
GTB-4 6.0-8.0	6	8	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-4 6.0-8.0	6	8	07/14/04	Molybdenum, total (3050)	SO		U	mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Nickel, total (3050)	SO	25		mg/Kg	1	5
GTB-4 6.0-8.0	6	8	07/14/04	Potassium, total (3050)	SO	7620		mg/Kg	30	100
GTB-4 6.0-8.0	6	8	07/14/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTB-4 6.0-8.0	6	8	07/14/04	Silver, total (3050)	SO	0.06	B	mg/Kg	0.03	0.1
GTB-4 6.0-8.0	6	8	07/14/04	Sodium, total (3050)	SO	160		mg/Kg	30	100
GTB-4 6.0-8.0	6	8	07/14/04	Thallium, total (3050)	SO	0.22		mg/Kg	0.03	0.1
GTB-4 6.0-8.0	6	8	07/14/04	Vanadium, total (3050)	SO	39.9		mg/Kg	0.5	3
GTB-4 6.0-8.0	6	8	07/14/04	Zinc, total (3050)	SO	86		mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Aluminum, total (3050)	SO	31600		mg/Kg	3	20
GTB-5 10-12	10	12	07/14/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTB-5 10-12	10	12	07/14/04	Arsenic, total (3050)	SO	6		mg/Kg	0.3	1
GTB-5 10-12	10	12	07/14/04	Barium, total (3050)	SO	234		mg/Kg	0.3	1
GTB-5 10-12	10	12	07/14/04	Beryllium, total (3050)	SO	1.3		mg/Kg	0.2	1
GTB-5 10-12	10	12	07/14/04	Cadmium, total (3050)	SO	1.8	B	mg/Kg	0.5	2
GTB-5 10-12	10	12	07/14/04	Calcium, total (3050)	SO	8890		mg/Kg	20	100
GTB-5 10-12	10	12	07/14/04	Chromium, total (3050)	SO	38		mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Copper, total (3050)	SO	30		mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Iron, total (3050)	SO	31200		mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Lead, total (3050)	SO	18.9		mg/Kg	0.05	0.3
GTB-5 10-12	10	12	07/14/04	Magnesium, total (3050)	SO	16100		mg/Kg	20	100
GTB-5 10-12	10	12	07/14/04	Manganese, total (3050)	SO	3310		mg/Kg	0.5	3
GTB-5 10-12	10	12	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-5 10-12	10	12	07/14/04	Molybdenum, total (3050)	SO		U	mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Nickel, total (3050)	SO	30		mg/Kg	1	5
GTB-5 10-12	10	12	07/14/04	Potassium, total (3050)	SO	7650		mg/Kg	30	100
GTB-5 10-12	10	12	07/14/04	Selenium, total (3050)	SO	0.6	B	mg/Kg	0.5	3
GTB-5 10-12	10	12	07/14/04	Silver, total (3050)	SO	0.14		mg/Kg	0.03	0.1
GTB-5 10-12	10	12	07/14/04	Sodium, total (3050)	SO	180		mg/Kg	30	100
GTB-5 10-12	10	12	07/14/04	Thallium, total (3050)	SO	0.26		mg/Kg	0.03	0.1
GTB-5 10-12	10	12	07/14/04	Vanadium, total (3050)	SO	48.2		mg/Kg	0.5	3

APPENDIX A
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Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-5 10-12	10	12	07/14/04	Zinc, total (3050)	SO	99		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	30200		mg/Kg	3	20
GTB-5 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.2	B	mg/Kg	0.1	0.5
GTB-5 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	6		mg/Kg	0.3	1
GTB-5 1-3	1	3	07/14/04	Barium, total (3050)	SO	134		mg/Kg	0.3	1
GTB-5 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	1.2		mg/Kg	0.2	1
GTB-5 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	2.9		mg/Kg	0.5	2
GTB-5 1-3	1	3	07/14/04	Calcium, total (3050)	SO	38900		mg/Kg	20	100
GTB-5 1-3	1	3	07/14/04	Chromium, total (3050)	SO	56		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Copper, total (3050)	SO	32		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Iron, total (3050)	SO	27500		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Lead, total (3050)	SO	11.9		mg/Kg	0.05	0.3
GTB-5 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	18700		mg/Kg	20	100
GTB-5 1-3	1	3	07/14/04	Manganese, total (3050)	SO	1380		mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-5 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Potassium, total (3050)	SO	8140		mg/Kg	30	100
GTB-5 1-3	1	3	07/14/04	Selenium, total (3050)	SO	2.2	B	mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.35		mg/Kg	0.03	0.1
GTB-5 1-3	1	3	07/14/04	Sodium, total (3050)	SO	210		mg/Kg	30	100
GTB-5 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.3		mg/Kg	0.03	0.1
GTB-5 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	60		mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Zinc, total (3050)	SO	134		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	20600		mg/Kg	3	20
GTB-6 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-6 1-3	1	3	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	8.4		mg/Kg	0.3	1
GTB-6 1-3	1	3	07/14/04	Barium, total (3050)	SO	93		mg/Kg	0.3	1
GTB-6 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-6 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	4.4		mg/Kg	0.5	2
GTB-6 1-3	1	3	07/14/04	Calcium, total (3050)	SO	46700		mg/Kg	20	100
GTB-6 1-3	1	3	07/14/04	Chromium, total (3050)	SO	73		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Copper, total (3050)	SO	31		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Iron, total (3050)	SO	18000		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Lead, total (3050)	SO	15.4		mg/Kg	0.05	0.3
GTB-6 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	14300		mg/Kg	20	100
GTB-6 1-3	1	3	07/14/04	Manganese, total (3050)	SO	1540		mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-6 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Potassium, total (3050)	SO	6040		mg/Kg	30	100
GTB-6 1-3	1	3	07/14/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.61		mg/Kg	0.03	0.1
GTB-6 1-3	1	3	07/14/04	Sodium, total (3050)	SO	250		mg/Kg	30	100
GTB-6 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.37		mg/Kg	0.03	0.1
GTB-6 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	65.1		mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Zinc, total (3050)	SO	144		mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Aluminum, total (3050)	SO	28500		mg/Kg	3	20
GTB-6 7-9	7	9	07/14/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTB-6 7-9	7	9	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-6 7-9	7	9	07/14/04	Arsenic, total (3050)	SO	3.5		mg/Kg	0.3	1

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-6 7-9	7	9	07/14/04	Barium, total (3050)	SO	71.3		mg/Kg	0.3	1
GTB-6 7-9	7	9	07/14/04	Beryllium, total (3050)	SO	1.1		mg/Kg	0.2	1
GTB-6 7-9	7	9	07/14/04	Cadmium, total (3050)	SO	1	B	mg/Kg	0.5	2
GTB-6 7-9	7	9	07/14/04	Calcium, total (3050)	SO	52900		mg/Kg	20	100
GTB-6 7-9	7	9	07/14/04	Chromium, total (3050)	SO	28		mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Copper, total (3050)	SO	23		mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Iron, total (3050)	SO	25900		mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Lead, total (3050)	SO	9.34		mg/Kg	0.05	0.3
GTB-6 7-9	7	9	07/14/04	Magnesium, total (3050)	SO	16800		mg/Kg	20	100
GTB-6 7-9	7	9	07/14/04	Manganese, total (3050)	SO	1030		mg/Kg	0.5	3
GTB-6 7-9	7	9	07/14/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-6 7-9	7	9	07/14/04	Molybdenum, total (3050)	SO		U	mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Nickel, total (3050)	SO	22		mg/Kg	1	5
GTB-6 7-9	7	9	07/14/04	Potassium, total (3050)	SO	6630		mg/Kg	30	100
GTB-6 7-9	7	9	07/14/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTB-6 7-9	7	9	07/14/04	Silver, total (3050)	SO	0.04	B	mg/Kg	0.03	0.1
GTB-6 7-9	7	9	07/14/04	Sodium, total (3050)	SO	150		mg/Kg	30	100
GTB-6 7-9	7	9	07/14/04	Thallium, total (3050)	SO	0.19		mg/Kg	0.03	0.1
GTB-6 7-9	7	9	07/14/04	Vanadium, total (3050)	SO	37.3		mg/Kg	0.5	3
GTB-6 7-9	7	9	07/14/04	Zinc, total (3050)	SO	82		mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Aluminum, total (3050)	SO	17700		mg/Kg	3	20
GTB-7 1.0-3.0	1	3	07/13/04	Antimony, total (3050)	SO	0.5		mg/Kg	0.1	0.5
GTB-7 1.0-3.0	1	3	07/13/04	Arsenic, total (3050)	SO	5.5		mg/Kg	0.3	1
GTB-7 1.0-3.0	1	3	07/13/04	Barium, total (3050)	SO	89.5		mg/Kg	0.3	1
GTB-7 1.0-3.0	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-7 1.0-3.0	1	3	07/13/04	Cadmium, total (3050)	SO	5.6		mg/Kg	0.5	2
GTB-7 1.0-3.0	1	3	07/13/04	Calcium, total (3050)	SO	58700		mg/Kg	20	100
GTB-7 1.0-3.0	1	3	07/13/04	Chromium, total (3050)	SO	149		mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Copper, total (3050)	SO	26		mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Iron, total (3050)	SO	14300		mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Lead, total (3050)	SO	16.1		mg/Kg	0.05	0.3
GTB-7 1.0-3.0	1	3	07/13/04	Magnesium, total (3050)	SO	7390		mg/Kg	20	100
GTB-7 1.0-3.0	1	3	07/13/04	Manganese, total (3050)	SO	706		mg/Kg	0.5	3
GTB-7 1.0-3.0	1	3	07/13/04	Mercury, total	SO	0.11	B	mg/Kg	0.05	0.2
GTB-7 1.0-3.0	1	3	07/13/04	Molybdenum, total (3050)	SO	4	B	mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Nickel, total (3050)	SO	46		mg/Kg	1	5
GTB-7 1.0-3.0	1	3	07/13/04	Potassium, total (3050)	SO	5380		mg/Kg	30	100
GTB-7 1.0-3.0	1	3	07/13/04	Selenium, total (3050)	SO	3.2		mg/Kg	0.5	3
GTB-7 1.0-3.0	1	3	07/13/04	Silver, total (3050)	SO	1.06		mg/Kg	0.03	0.1
GTB-7 1.0-3.0	1	3	07/13/04	Sodium, total (3050)	SO	330		mg/Kg	30	100
GTB-7 1.0-3.0	1	3	07/13/04	Thallium, total (3050)	SO	0.52		mg/Kg	0.03	0.1
GTB-7 1.0-3.0	1	3	07/13/04	Vanadium, total (3050)	SO	103		mg/Kg	0.5	3
GTB-7 1.0-3.0	1	3	07/13/04	Zinc, total (3050)	SO	209		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Aluminum, total (3050)	SO	22000		mg/Kg	3	20
GTB-7 5.0-7.0	5	7	07/13/04	Antimony, total (3050)	SO	0.8		mg/Kg	0.1	0.5
GTB-7 5.0-7.0	5	7	07/13/04	Arsenic, total (3050)	SO	6.9		mg/Kg	0.3	1
GTB-7 5.0-7.0	5	7	07/13/04	Barium, total (3050)	SO	114		mg/Kg	0.3	1
GTB-7 5.0-7.0	5	7	07/13/04	Beryllium, total (3050)	SO	0.9	B	mg/Kg	0.2	1
GTB-7 5.0-7.0	5	7	07/13/04	Cadmium, total (3050)	SO	6.2		mg/Kg	0.5	2
GTB-7 5.0-7.0	5	7	07/13/04	Calcium, total (3050)	SO	78400		mg/Kg	20	100
GTB-7 5.0-7.0	5	7	07/13/04	Chromium, total (3050)	SO	142		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Copper, total (3050)	SO	29		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Iron, total (3050)	SO	15300		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Lead, total (3050)	SO	40.2		mg/Kg	0.05	0.3
GTB-7 5.0-7.0	5	7	07/13/04	Magnesium, total (3050)	SO	8200		mg/Kg	20	100
GTB-7 5.0-7.0	5	7	07/13/04	Manganese, total (3050)	SO	917		mg/Kg	0.5	3
GTB-7 5.0-7.0	5	7	07/13/04	Mercury, total	SO	0.47		mg/Kg	0.04	0.2
GTB-7 5.0-7.0	5	7	07/13/04	Molybdenum, total (3050)	SO	7		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Nickel, total (3050)	SO	50		mg/Kg	1	5
GTB-7 5.0-7.0	5	7	07/13/04	Potassium, total (3050)	SO	6890		mg/Kg	30	100
GTB-7 5.0-7.0	5	7	07/13/04	Selenium, total (3050)	SO	3.8		mg/Kg	0.5	3
GTB-7 5.0-7.0	5	7	07/13/04	Silver, total (3050)	SO	3.4		mg/Kg	0.03	0.1
GTB-7 5.0-7.0	5	7	07/13/04	Sodium, total (3050)	SO	460		mg/Kg	30	100
GTB-7 5.0-7.0	5	7	07/13/04	Thallium, total (3050)	SO	0.85		mg/Kg	0.03	0.1

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-7 5.0-7.0	5	7	07/13/04	Vanadium, total (3050)	SO	111		mg/Kg	0.5	3
GTB-7 5.0-7.0	5	7	07/13/04	Zinc, total (3050)	SO	475		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Aluminum, total (3050)	SO	13800		mg/Kg	3	20
GTB-8 1-3	1	3	07/13/04	Antimony, total (3050)	SO	0.8		mg/Kg	0.1	0.5
GTB-8 1-3	1	3	07/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1260	SO	620		ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Arsenic, total (3050)	SO	5.6		mg/Kg	0.3	1
GTB-8 1-3	1	3	07/13/04	Barium, total (3050)	SO	59.7		mg/Kg	0.3	1
GTB-8 1-3	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-8 1-3	1	3	07/13/04	Cadmium, total (3050)	SO	6.7		mg/Kg	0.5	2
GTB-8 1-3	1	3	07/13/04	Calcium, total (3050)	SO	93000		mg/Kg	40	200
GTB-8 1-3	1	3	07/13/04	Chromium, total (3050)	SO	224		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Copper, total (3050)	SO	29		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Iron, total (3050)	SO	10200		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Lead, total (3050)	SO	16.8		mg/Kg	0.05	0.3
GTB-8 1-3	1	3	07/13/04	Magnesium, total (3050)	SO	3900		mg/Kg	20	100
GTB-8 1-3	1	3	07/13/04	Manganese, total (3050)	SO	524		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Mercury, total	SO	0.34		mg/Kg	0.04	0.2
GTB-8 1-3	1	3	07/13/04	Molybdenum, total (3050)	SO	4	B	mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Nickel, total (3050)	SO	50		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Potassium, total (3050)	SO	4350		mg/Kg	30	100
GTB-8 1-3	1	3	07/13/04	Selenium, total (3050)	SO	4.4		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Silver, total (3050)	SO	1.21		mg/Kg	0.03	0.1
GTB-8 1-3	1	3	07/13/04	Sodium, total (3050)	SO	530		mg/Kg	30	100
GTB-8 1-3	1	3	07/13/04	Thallium, total (3050)	SO	0.47		mg/Kg	0.03	0.1
GTB-8 1-3	1	3	07/13/04	Vanadium, total (3050)	SO	149		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Zinc, total (3050)	SO	212		mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Aluminum, total (3050)	SO	14300		mg/Kg	3	20
GTB-8 5-7	5	7	07/13/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-8 5-7	5	7	07/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-8 5-7	5	7	07/13/04	Arsenic, total (3050)	SO	4.9		mg/Kg	0.3	1
GTB-8 5-7	5	7	07/13/04	Barium, total (3050)	SO	104		mg/Kg	0.3	1
GTB-8 5-7	5	7	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-8 5-7	5	7	07/13/04	Cadmium, total (3050)	SO	3.3		mg/Kg	0.5	2
GTB-8 5-7	5	7	07/13/04	Calcium, total (3050)	SO	39200		mg/Kg	20	100
GTB-8 5-7	5	7	07/13/04	Chromium, total (3050)	SO	65		mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Copper, total (3050)	SO	17		mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Iron, total (3050)	SO	13900		mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Lead, total (3050)	SO	9.02		mg/Kg	0.05	0.3
GTB-8 5-7	5	7	07/13/04	Magnesium, total (3050)	SO	5630		mg/Kg	20	100
GTB-8 5-7	5	7	07/13/04	Manganese, total (3050)	SO	1010		mg/Kg	0.5	3
GTB-8 5-7	5	7	07/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-8 5-7	5	7	07/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Nickel, total (3050)	SO	30		mg/Kg	1	5
GTB-8 5-7	5	7	07/13/04	Potassium, total (3050)	SO	3690		mg/Kg	30	100
GTB-8 5-7	5	7	07/13/04	Selenium, total (3050)	SO	1.1	B	mg/Kg	0.5	3
GTB-8 5-7	5	7	07/13/04	Silver, total (3050)	SO	0.39		mg/Kg	0.03	0.1
GTB-8 5-7	5	7	07/13/04	Sodium, total (3050)	SO	180		mg/Kg	30	100
GTB-8 5-7	5	7	07/13/04	Thallium, total (3050)	SO	0.26		mg/Kg	0.03	0.1
GTB-8 5-7	5	7	07/13/04	Vanadium, total (3050)	SO	43.4		mg/Kg	0.5	3
GTB-8 5-7	5	7	07/13/04	Zinc, total (3050)	SO	145		mg/Kg	1	5
GTB-9 1.0-3.0	1	3	07/13/04	Aluminum, total (3050)	SO	16000		mg/Kg	6	30
GTB-9 1.0-3.0	1	3	07/13/04	Antimony, total (3050)	SO	2.8		mg/Kg	0.1	0.5

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-9 1.0-3.0	1	3	07/13/04	Arsenic, total (3050)	SO	9.8		mg/Kg	0.3	1
GTB-9 1.0-3.0	1	3	07/13/04	Barium, total (3050)	SO	106		mg/Kg	0.6	2
GTB-9 1.0-3.0	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.4	2
GTB-9 1.0-3.0	1	3	07/13/04	Cadmium, total (3050)	SO	40		mg/Kg	1	3
GTB-9 1.0-3.0	1	3	07/13/04	Calcium, total (3050)	SO	185000		mg/Kg	100	500
GTB-9 1.0-3.0	1	3	07/13/04	Chromium, total (3050)	SO	417		mg/Kg	2	10
GTB-9 1.0-3.0	1	3	07/13/04	Copper, total (3050)	SO	61		mg/Kg	2	10
GTB-9 1.0-3.0	1	3	07/13/04	Iron, total (3050)	SO	11800		mg/Kg	2	10
GTB-9 1.0-3.0	1	3	07/13/04	Lead, total (3050)	SO	21		mg/Kg	0.05	0.3
GTB-9 1.0-3.0	1	3	07/13/04	Magnesium, total (3050)	SO	6340		mg/Kg	40	200
GTB-9 1.0-3.0	1	3	07/13/04	Manganese, total (3050)	SO	522		mg/Kg	1	5
GTB-9 1.0-3.0	1	3	07/13/04	Mercury, total	SO	0.51		mg/Kg	0.04	0.2
GTB-9 1.0-3.0	1	3	07/13/04	Molybdenum, total (3050)	SO	11		mg/Kg	2	10
GTB-9 1.0-3.0	1	3	07/13/04	Nickel, total (3050)	SO	89		mg/Kg	2	10
GTB-9 1.0-3.0	1	3	07/13/04	Potassium, total (3050)	SO	4900		mg/Kg	60	200
GTB-9 1.0-3.0	1	3	07/13/04	Selenium, total (3050)	SO	17.8		mg/Kg	0.5	3
GTB-9 1.0-3.0	1	3	07/13/04	Silver, total (3050)	SO	3.47		mg/Kg	0.03	0.1
GTB-9 1.0-3.0	1	3	07/13/04	Sodium, total (3050)	SO	1840		mg/Kg	60	200
GTB-9 1.0-3.0	1	3	07/13/04	Thallium, total (3050)	SO	1.23		mg/Kg	0.03	0.1
GTB-9 1.0-3.0	1	3	07/13/04	Vanadium, total (3050)	SO	438		mg/Kg	1	5
GTB-9 1.0-3.0	1	3	07/13/04	Zinc, total (3050)	SO	522		mg/Kg	2	10
GTSO-5	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,2,4-Trimethylbenzene	SO	8	J	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-5	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-5	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-5	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-5	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-5	1	1	09/13/04	Aluminum, total (3050)	SO	18200		mg/Kg	30	200
GTSO-5	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Antimony, total (3050)	SO	3.5		mg/Kg	0.1	0.5
GTSO-5	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Arsenic, total (3050)	SO	7.7		mg/Kg	0.3	1
GTSO-5	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Barium, total (3050)	SO	104		mg/Kg	3	10
GTSO-5	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzoic acid	SO	700	J	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-5	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Cadmium, total (3050)	SO	26		mg/Kg	5	20
GTSO-5	1	1	09/13/04	Calcium, total (3050)	SO	201000		mg/Kg	200	1000
GTSO-5	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chromium, total (3050)	SO	410		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Copper, total (3050)	SO	50		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-5	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-5	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Di-n-octyl phthalate	SO	200	J	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Iron, total (3050)	SO	9940		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Lead, total (3050)	SO	83.6		mg/Kg	0.05	0.3
GTSO-5	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Magnesium, total (3050)	SO	3600		mg/Kg	200	1000
GTSO-5	1	1	09/13/04	Manganese, total (3050)	SO	348		mg/Kg	5	30
GTSO-5	1	1	09/13/04	Mercury, total	SO	0.41		mg/Kg	0.05	0.2
GTSO-5	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Methylene Chloride	SO	185		ug/Kg	4	10
GTSO-5	1	1	09/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTSO-5	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Nickel, total (3050)	SO	50		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	Potassium, total (3050)	SO	6100		mg/Kg	300	1000
GTSO-5	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Selenium, total (3050)	SO	7		mg/Kg	1	5
GTSO-5	1	1	09/13/04	Silver, total (3050)	SO	6.95		mg/Kg	0.03	0.1
GTSO-5	1	1	09/13/04	Sodium, total (3050)	SO	1400		mg/Kg	300	1000
GTSO-5	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Thallium, total (3050)	SO	1.75		mg/Kg	0.05	0.3
GTSO-5	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-5	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Vanadium, total (3050)	SO	534		mg/Kg	5	30
GTSO-5	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Zinc, total (3050)	SO	870		mg/Kg	10	50
GTSO-6	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10

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SOIL - HH
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-6	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-6	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-6	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-6	1	1	09/13/04	Aluminum, total (3050)	SO	14600		mg/Kg	30	200
GTSO-6	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Antimony, total (3050)	SO	3.2		mg/Kg	0.1	0.5
GTSO-6	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Arsenic, total (3050)	SO	9.1		mg/Kg	0.3	1

APPENDIX A
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Barium, total (3050)	SO	96		mg/Kg	3	10
GTSO-6	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzoic acid	SO	600	J	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-6	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Cadmium, total (3050)	SO	15	B	mg/Kg	5	20
GTSO-6	1	1	09/13/04	Calcium, total (3050)	SO	196000		mg/Kg	200	1000
GTSO-6	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chromium, total (3050)	SO	440		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Copper, total (3050)	SO	120		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-6	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Iron, total (3050)	SO	12000		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Lead, total (3050)	SO	40		mg/Kg	0.05	0.3
GTSO-6	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Magnesium, total (3050)	SO	3700		mg/Kg	200	1000
GTSO-6	1	1	09/13/04	Manganese, total (3050)	SO	297		mg/Kg	5	30
GTSO-6	1	1	09/13/04	Mercury, total	SO	0.43		mg/Kg	0.04	0.2
GTSO-6	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Methylene Chloride	SO	75		ug/Kg	4	10
GTSO-6	1	1	09/13/04	Molybdenum, total (3050)	SO	10	B	mg/Kg	10	50
GTSO-6	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Nickel, total (3050)	SO	100		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	Potassium, total (3050)	SO	4900		mg/Kg	300	1000
GTSO-6	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Selenium, total (3050)	SO	8.2		mg/Kg	0.5	3
GTSO-6	1	1	09/13/04	Silver, total (3050)	SO	5.43		mg/Kg	0.03	0.1
GTSO-6	1	1	09/13/04	Sodium, total (3050)	SO	1200		mg/Kg	300	1000
GTSO-6	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Thallium, total (3050)	SO	0.71		mg/Kg	0.05	0.3
GTSO-6	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-6	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Vanadium, total (3050)	SO	510		mg/Kg	5	30
GTSO-6	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Zinc, total (3050)	SO	450		mg/Kg	10	50
GTSO-7	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-7	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30

APPENDIX A
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-7	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-7	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-7	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-7	1	1	09/13/04	Aluminum, total (3050)	SO	17300		mg/Kg	30	200
GTSO-7	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Antimony, total (3050)	SO	2.4		mg/Kg	0.1	0.5
GTSO-7	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1260	SO	90		ug/Kg	30	30
GTSO-7	1	1	09/13/04	Arsenic, total (3050)	SO	10.3		mg/Kg	0.3	1
GTSO-7	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Barium, total (3050)	SO	90		mg/Kg	3	10
GTSO-7	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzoic acid	SO	700	J	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-7	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Cadmium, total (3050)	SO	17	B	mg/Kg	5	20
GTSO-7	1	1	09/13/04	Calcium, total (3050)	SO	128000		mg/Kg	200	1000
GTSO-7	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-7	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chromium, total (3050)	SO	270		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Copper, total (3050)	SO	40	B	mg/Kg	10	50
GTSO-7	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-7	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Iron, total (3050)	SO	13700		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Lead, total (3050)	SO	105		mg/Kg	0.05	0.3
GTSO-7	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Magnesium, total (3050)	SO	12100		mg/Kg	200	1000
GTSO-7	1	1	09/13/04	Manganese, total (3050)	SO	419		mg/Kg	5	30
GTSO-7	1	1	09/13/04	Mercury, total	SO	0.27		mg/Kg	0.04	0.2
GTSO-7	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Methylene Chloride	SO	84		ug/Kg	4	10
GTSO-7	1	1	09/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTSO-7	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Nickel, total (3050)	SO	60		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Pentachlorophenol	SO	1300	J	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	Potassium, total (3050)	SO	5200		mg/Kg	300	1000
GTSO-7	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Selenium, total (3050)	SO	8		mg/Kg	1	5
GTSO-7	1	1	09/13/04	Silver, total (3050)	SO	4.28		mg/Kg	0.03	0.1
GTSO-7	1	1	09/13/04	Sodium, total (3050)	SO	900	B	mg/Kg	300	1000
GTSO-7	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Thallium, total (3050)	SO	0.99		mg/Kg	0.05	0.3
GTSO-7	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-7	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Vanadium, total (3050)	SO	291		mg/Kg	5	30
GTSO-7	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Zinc, total (3050)	SO	530		mg/Kg	10	50
GTSO-8	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-8	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-8	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-8	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-8	1	1	09/13/04	Aluminum, total (3050)	SO	22800		mg/Kg	3	20
GTSO-8	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTSO-8	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Arsenic, total (3050)	SO	5.4		mg/Kg	0.3	1
GTSO-8	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Barium, total (3050)	SO	80		mg/Kg	0.3	1
GTSO-8	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzoic acid	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTSO-8	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Cadmium, total (3050)	SO	1	B	mg/Kg	0.5	2
GTSO-8	1	1	09/13/04	Calcium, total (3050)	SO	43200		mg/Kg	20	100
GTSO-8	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chromium, total (3050)	SO	47		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Copper, total (3050)	SO	26		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-8	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Di-n-octyl phthalate	SO	190	J	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Iron, total (3050)	SO	26600		mg/Kg	1	5

APPENDIX A
TABLE 3
SOIL - HH
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-8	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Lead, total (3050)	SO	13.4		mg/Kg	0.05	0.3
GTSO-8	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Magnesium, total (3050)	SO	16500		mg/Kg	20	100
GTSO-8	1	1	09/13/04	Manganese, total (3050)	SO	1360		mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTSO-8	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Methylene Chloride	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Molybdenum, total (3050)	SO	1	B	mg/Kg	1	5
GTSO-8	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	Potassium, total (3050)	SO	5520		mg/Kg	30	100
GTSO-8	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Silver, total (3050)	SO	0.22		mg/Kg	0.03	0.1
GTSO-8	1	1	09/13/04	Sodium, total (3050)	SO	190		mg/Kg	30	100
GTSO-8	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Thallium, total (3050)	SO	0.29	B	mg/Kg	0.05	0.3
GTSO-8	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-8	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Vanadium, total (3050)	SO	40.7		mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Zinc, total (3050)	SO	135		mg/Kg	1	5

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 1-2.5	1	2.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-20 1-2.5	1	2.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-20 1-2.5	1	2.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-20 1-2.5	1	2.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	m p Xylene	SO	0.6	J	ug/Kg	0.4	2
B-20 1-2.5	1	2.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	o Xylene	SO	0.2	J	ug/Kg	0.2	1

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 1-2.5	1	2.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-20 1-2.5	1	2.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-20 1-2.5	1	2.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-20 1-2.5	1	2.5	10/13/05	Toluene	SO	0.5	J	ug/Kg	0.2	1
GTB-1 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	19500		mg/Kg	3	20
GTB-1 1-3	1	3	07/14/04	Antimony, total (3050)	SO	5.9		mg/Kg	0.1	0.5
GTB-1 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	5		mg/Kg	0.3	1
GTB-1 1-3	1	3	07/14/04	Barium, total (3050)	SO	81.5		mg/Kg	0.3	1
GTB-1 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-1 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	21.9		mg/Kg	0.5	2
GTB-1 1-3	1	3	07/14/04	Calcium, total (3050)	SO	95400		mg/Kg	40	200
GTB-1 1-3	1	3	07/14/04	Chromium, total (3050)	SO	298		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Copper, total (3050)	SO	58		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Iron, total (3050)	SO	13000		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Lead, total (3050)	SO	69.8		mg/Kg	0.05	0.3
GTB-1 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	11300		mg/Kg	20	100
GTB-1 1-3	1	3	07/14/04	Manganese, total (3050)	SO	448		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Mercury, total	SO	0.08	B	mg/Kg	0.04	0.2
GTB-1 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	8		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Nickel, total (3050)	SO	51		mg/Kg	1	5
GTB-1 1-3	1	3	07/14/04	Potassium, total (3050)	SO	10100		mg/Kg	30	100
GTB-1 1-3	1	3	07/14/04	Selenium, total (3050)	SO	10.3		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Silver, total (3050)	SO	12.7		mg/Kg	0.03	0.1
GTB-1 1-3	1	3	07/14/04	Sodium, total (3050)	SO	600		mg/Kg	30	100
GTB-1 1-3	1	3	07/14/04	Thallium, total (3050)	SO	7.3		mg/Kg	0.03	0.1
GTB-1 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	221		mg/Kg	0.5	3
GTB-1 1-3	1	3	07/14/04	Zinc, total (3050)	SO	3150		mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Aluminum, total (3050)	SO	24400		mg/Kg	3	20
GTB-14 1.0-3	1	3	07/12/04	Antimony, total (3050)	SO	0.4	B	mg/Kg	0.1	0.5
GTB-14 1.0-3	1	3	07/12/04	Arsenic, total (3050)	SO	6.3		mg/Kg	0.3	1
GTB-14 1.0-3	1	3	07/12/04	Barium, total (3050)	SO	129		mg/Kg	0.3	1
GTB-14 1.0-3	1	3	07/12/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTB-14 1.0-3	1	3	07/12/04	Cadmium, total (3050)	SO	5.4		mg/Kg	0.5	2
GTB-14 1.0-3	1	3	07/12/04	Calcium, total (3050)	SO	66000		mg/Kg	20	100
GTB-14 1.0-3	1	3	07/12/04	Chromium, total (3050)	SO	78		mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Copper, total (3050)	SO	30		mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Iron, total (3050)	SO	21300		mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Lead, total (3050)	SO	14.8		mg/Kg	0.05	0.3
GTB-14 1.0-3	1	3	07/12/04	Magnesium, total (3050)	SO	11600		mg/Kg	20	100
GTB-14 1.0-3	1	3	07/12/04	Manganese, total (3050)	SO	1300		mg/Kg	0.5	3
GTB-14 1.0-3	1	3	07/12/04	Mercury, total	SO	0.06	BH	mg/Kg	0.05	0.2
GTB-14 1.0-3	1	3	07/12/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTB-14 1.0-3	1	3	07/12/04	Potassium, total (3050)	SO	7050		mg/Kg	30	100
GTB-14 1.0-3	1	3	07/12/04	Selenium, total (3050)	SO	1.9	B	mg/Kg	0.5	3
GTB-14 1.0-3	1	3	07/12/04	Silver, total (3050)	SO	0.65		mg/Kg	0.03	0.1
GTB-14 1.0-3	1	3	07/12/04	Sodium, total (3050)	SO	250		mg/Kg	30	100
GTB-14 1.0-3	1	3	07/12/04	Thallium, total (3050)	SO	0.44		mg/Kg	0.03	0.1
GTB-14 1.0-3	1	3	07/12/04	Vanadium, total (3050)	SO	104		mg/Kg	0.5	3
GTB-14 1.0-3	1	3	07/12/04	Zinc, total (3050)	SO	147		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Aluminum, total (3050)	SO	17300		mg/Kg	6	30
GTB-15 1-3	1	3	07/12/04	Antimony, total (3050)	SO	2.6		mg/Kg	0.1	0.5
GTB-15 1-3	1	3	07/12/04	Arsenic, total (3050)	SO	10.5		mg/Kg	0.3	1
GTB-15 1-3	1	3	07/12/04	Barium, total (3050)	SO	89.3		mg/Kg	0.6	2
GTB-15 1-3	1	3	07/12/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.4	2
GTB-15 1-3	1	3	07/12/04	Cadmium, total (3050)	SO	20		mg/Kg	1	3
GTB-15 1-3	1	3	07/12/04	Calcium, total (3050)	SO	135000		mg/Kg	40	200
GTB-15 1-3	1	3	07/12/04	Chromium, total (3050)	SO	383		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Copper, total (3050)	SO	60		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Iron, total (3050)	SO	13200		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Lead, total (3050)	SO	65.3		mg/Kg	0.05	0.3
GTB-15 1-3	1	3	07/12/04	Magnesium, total (3050)	SO	10500		mg/Kg	40	200
GTB-15 1-3	1	3	07/12/04	Manganese, total (3050)	SO	587		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Mercury, total	SO	0.17	BH	mg/Kg	0.05	0.2
GTB-15 1-3	1	3	07/12/04	Molybdenum, total (3050)	SO	12		mg/Kg	2	10
GTB-15 1-3	1	3	07/12/04	Nickel, total (3050)	SO	90		mg/Kg	2	10

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-15 1-3	1	3	07/12/04	Potassium, total (3050)	SO	5560		mg/Kg	60	200
GTB-15 1-3	1	3	07/12/04	Selenium, total (3050)	SO	19.1		mg/Kg	0.5	3
GTB-15 1-3	1	3	07/12/04	Silver, total (3050)	SO	4.44		mg/Kg	0.03	0.1
GTB-15 1-3	1	3	07/12/04	Sodium, total (3050)	SO	630		mg/Kg	60	200
GTB-15 1-3	1	3	07/12/04	Thallium, total (3050)	SO	1.16		mg/Kg	0.03	0.1
GTB-15 1-3	1	3	07/12/04	Vanadium, total (3050)	SO	376		mg/Kg	1	5
GTB-15 1-3	1	3	07/12/04	Zinc, total (3050)	SO	441		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Aluminum, total (3050)	SO	18500		mg/Kg	6	30
GTB-16 1-3	1	3	07/12/04	Antimony, total (3050)	SO	2.2		mg/Kg	0.1	0.5
GTB-16 1-3	1	3	07/12/04	Arsenic, total (3050)	SO	10.9		mg/Kg	0.3	1
GTB-16 1-3	1	3	07/12/04	Barium, total (3050)	SO	104		mg/Kg	0.6	2
GTB-16 1-3	1	3	07/12/04	Beryllium, total (3050)	SO	1	B	mg/Kg	0.4	2
GTB-16 1-3	1	3	07/12/04	Cadmium, total (3050)	SO	30		mg/Kg	1	3
GTB-16 1-3	1	3	07/12/04	Calcium, total (3050)	SO	159000		mg/Kg	40	200
GTB-16 1-3	1	3	07/12/04	Chromium, total (3050)	SO	366		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Copper, total (3050)	SO	48		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Iron, total (3050)	SO	9960		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Lead, total (3050)	SO	18		mg/Kg	0.05	0.3
GTB-16 1-3	1	3	07/12/04	Magnesium, total (3050)	SO	7390		mg/Kg	40	200
GTB-16 1-3	1	3	07/12/04	Manganese, total (3050)	SO	426		mg/Kg	1	5
GTB-16 1-3	1	3	07/12/04	Mercury, total	SO	0.22	H	mg/Kg	0.04	0.2
GTB-16 1-3	1	3	07/12/04	Molybdenum, total (3050)	SO	9	B	mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Nickel, total (3050)	SO	74		mg/Kg	2	10
GTB-16 1-3	1	3	07/12/04	Potassium, total (3050)	SO	6910		mg/Kg	60	200
GTB-16 1-3	1	3	07/12/04	Selenium, total (3050)	SO	18.2		mg/Kg	0.5	3
GTB-16 1-3	1	3	07/12/04	Silver, total (3050)	SO	2.73		mg/Kg	0.03	0.1
GTB-16 1-3	1	3	07/12/04	Sodium, total (3050)	SO	1600		mg/Kg	60	200
GTB-16 1-3	1	3	07/12/04	Thallium, total (3050)	SO	1.14		mg/Kg	0.03	0.1
GTB-16 1-3	1	3	07/12/04	Vanadium, total (3050)	SO	346		mg/Kg	1	5
GTB-16 1-3	1	3	07/12/04	Zinc, total (3050)	SO	423		mg/Kg	2	10
GTB-17 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	14300		mg/Kg	3	20
GTB-17 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-17 1-3	1	3	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-17 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	4.5		mg/Kg	0.3	1
GTB-17 1-3	1	3	07/14/04	Barium, total (3050)	SO	72.2		mg/Kg	0.3	1
GTB-17 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.2	1
GTB-17 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	1.9	B	mg/Kg	0.5	2
GTB-17 1-3	1	3	07/14/04	Calcium, total (3050)	SO	40500		mg/Kg	20	100
GTB-17 1-3	1	3	07/14/04	Chromium, total (3050)	SO	129		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Copper, total (3050)	SO	18		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Iron, total (3050)	SO	13800		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Lead, total (3050)	SO	66.5		mg/Kg	0.05	0.3
GTB-17 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	4430		mg/Kg	20	100
GTB-17 1-3	1	3	07/14/04	Manganese, total (3050)	SO	854		mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Mercury, total	SO	0.04	B	mg/Kg	0.04	0.2
GTB-17 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Nickel, total (3050)	SO	42		mg/Kg	1	5
GTB-17 1-3	1	3	07/14/04	Potassium, total (3050)	SO	4310		mg/Kg	30	100
GTB-17 1-3	1	3	07/14/04	Selenium, total (3050)	SO	1.5	B	mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.41		mg/Kg	0.03	0.1
GTB-17 1-3	1	3	07/14/04	Sodium, total (3050)	SO	220		mg/Kg	30	100
GTB-17 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.36		mg/Kg	0.03	0.1
GTB-17 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	47.9		mg/Kg	0.5	3
GTB-17 1-3	1	3	07/14/04	Zinc, total (3050)	SO	188		mg/Kg	1	5
GTB-3 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	26200		mg/Kg	20	80
GTB-3 1-3	1	3	07/14/04	Antimony, total (3050)	SO	3.6		mg/Kg	0.1	0.5
GTB-3 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	3		mg/Kg	0.3	1
GTB-3 1-3	1	3	07/14/04	Barium, total (3050)	SO	142		mg/Kg	0.3	1
GTB-3 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	2	B	mg/Kg	1	5
GTB-3 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	9		mg/Kg	3	8
GTB-3 1-3	1	3	07/14/04	Calcium, total (3050)	SO	216000		mg/Kg	100	500

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-3 1-3	1	3	07/14/04	Chromium, total (3050)	SO	281		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Copper, total (3050)	SO	42		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Iron, total (3050)	SO	7670		mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Lead, total (3050)	SO	188		mg/Kg	0.05	0.3
GTB-3 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	6200		mg/Kg	100	500
GTB-3 1-3	1	3	07/14/04	Manganese, total (3050)	SO	559		mg/Kg	3	10
GTB-3 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-3 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO		U	mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Nickel, total (3050)	SO	30	B	mg/Kg	5	30
GTB-3 1-3	1	3	07/14/04	Potassium, total (3050)	SO	10400		mg/Kg	30	100
GTB-3 1-3	1	3	07/14/04	Selenium, total (3050)	SO	12.8		mg/Kg	0.5	3
GTB-3 1-3	1	3	07/14/04	Silver, total (3050)	SO	25.9		mg/Kg	0.05	0.3
GTB-3 1-3	1	3	07/14/04	Sodium, total (3050)	SO	2220		mg/Kg	30	100
GTB-3 1-3	1	3	07/14/04	Thallium, total (3050)	SO	3.16		mg/Kg	0.03	0.1
GTB-3 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	246		mg/Kg	3	10
GTB-3 1-3	1	3	07/14/04	Zinc, total (3050)	SO	2860		mg/Kg	5	30
GTB-5 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	30200		mg/Kg	3	20
GTB-5 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.2	B	mg/Kg	0.1	0.5
GTB-5 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	6		mg/Kg	0.3	1
GTB-5 1-3	1	3	07/14/04	Barium, total (3050)	SO	134		mg/Kg	0.3	1
GTB-5 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	1.2		mg/Kg	0.2	1
GTB-5 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	2.9		mg/Kg	0.5	2
GTB-5 1-3	1	3	07/14/04	Calcium, total (3050)	SO	38900		mg/Kg	20	100
GTB-5 1-3	1	3	07/14/04	Chromium, total (3050)	SO	56		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Copper, total (3050)	SO	32		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Iron, total (3050)	SO	27500		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Lead, total (3050)	SO	11.9		mg/Kg	0.05	0.3
GTB-5 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	18700		mg/Kg	20	100
GTB-5 1-3	1	3	07/14/04	Manganese, total (3050)	SO	1380		mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.04	0.2
GTB-5 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTB-5 1-3	1	3	07/14/04	Potassium, total (3050)	SO	8140		mg/Kg	30	100
GTB-5 1-3	1	3	07/14/04	Selenium, total (3050)	SO	2.2	B	mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.35		mg/Kg	0.03	0.1
GTB-5 1-3	1	3	07/14/04	Sodium, total (3050)	SO	210		mg/Kg	30	100
GTB-5 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.3		mg/Kg	0.03	0.1
GTB-5 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	60		mg/Kg	0.5	3
GTB-5 1-3	1	3	07/14/04	Zinc, total (3050)	SO	134		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Aluminum, total (3050)	SO	20600		mg/Kg	3	20
GTB-6 1-3	1	3	07/14/04	Antimony, total (3050)	SO	0.3	B	mg/Kg	0.1	0.5
GTB-6 1-3	1	3	07/14/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTB-6 1-3	1	3	07/14/04	Arsenic, total (3050)	SO	8.4		mg/Kg	0.3	1
GTB-6 1-3	1	3	07/14/04	Barium, total (3050)	SO	93		mg/Kg	0.3	1
GTB-6 1-3	1	3	07/14/04	Beryllium, total (3050)	SO	0.8	B	mg/Kg	0.2	1
GTB-6 1-3	1	3	07/14/04	Cadmium, total (3050)	SO	4.4		mg/Kg	0.5	2
GTB-6 1-3	1	3	07/14/04	Calcium, total (3050)	SO	46700		mg/Kg	20	100
GTB-6 1-3	1	3	07/14/04	Chromium, total (3050)	SO	73		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Copper, total (3050)	SO	31		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Iron, total (3050)	SO	18000		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Lead, total (3050)	SO	15.4		mg/Kg	0.05	0.3
GTB-6 1-3	1	3	07/14/04	Magnesium, total (3050)	SO	14300		mg/Kg	20	100
GTB-6 1-3	1	3	07/14/04	Manganese, total (3050)	SO	1540		mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-6 1-3	1	3	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTB-6 1-3	1	3	07/14/04	Potassium, total (3050)	SO	6040		mg/Kg	30	100
GTB-6 1-3	1	3	07/14/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Silver, total (3050)	SO	0.61		mg/Kg	0.03	0.1
GTB-6 1-3	1	3	07/14/04	Sodium, total (3050)	SO	250		mg/Kg	30	100
GTB-6 1-3	1	3	07/14/04	Thallium, total (3050)	SO	0.37		mg/Kg	0.03	0.1

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-6 1-3	1	3	07/14/04	Vanadium, total (3050)	SO	65.1		mg/Kg	0.5	3
GTB-6 1-3	1	3	07/14/04	Zinc, total (3050)	SO	144		mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Aluminum, total (3050)	SO	17700		mg/Kg	3	20
GTB-7 1.0-3.	1	3	07/13/04	Antimony, total (3050)	SO	0.5		mg/Kg	0.1	0.5
GTB-7 1.0-3.	1	3	07/13/04	Arsenic, total (3050)	SO	5.5		mg/Kg	0.3	1
GTB-7 1.0-3.	1	3	07/13/04	Barium, total (3050)	SO	89.5		mg/Kg	0.3	1
GTB-7 1.0-3.	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-7 1.0-3.	1	3	07/13/04	Cadmium, total (3050)	SO	5.6		mg/Kg	0.5	2
GTB-7 1.0-3.	1	3	07/13/04	Calcium, total (3050)	SO	58700		mg/Kg	20	100
GTB-7 1.0-3.	1	3	07/13/04	Chromium, total (3050)	SO	149		mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Copper, total (3050)	SO	26		mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Iron, total (3050)	SO	14300		mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Lead, total (3050)	SO	16.1		mg/Kg	0.05	0.3
GTB-7 1.0-3.	1	3	07/13/04	Magnesium, total (3050)	SO	7390		mg/Kg	20	100
GTB-7 1.0-3.	1	3	07/13/04	Manganese, total (3050)	SO	706		mg/Kg	0.5	3
GTB-7 1.0-3.	1	3	07/13/04	Mercury, total	SO	0.11	B	mg/Kg	0.05	0.2
GTB-7 1.0-3.	1	3	07/13/04	Molybdenum, total (3050)	SO	4	B	mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Nickel, total (3050)	SO	46		mg/Kg	1	5
GTB-7 1.0-3.	1	3	07/13/04	Potassium, total (3050)	SO	5380		mg/Kg	30	100
GTB-7 1.0-3.	1	3	07/13/04	Selenium, total (3050)	SO	3.2		mg/Kg	0.5	3
GTB-7 1.0-3.	1	3	07/13/04	Silver, total (3050)	SO	1.06		mg/Kg	0.03	0.1
GTB-7 1.0-3.	1	3	07/13/04	Sodium, total (3050)	SO	330		mg/Kg	30	100
GTB-7 1.0-3.	1	3	07/13/04	Thallium, total (3050)	SO	0.52		mg/Kg	0.03	0.1
GTB-7 1.0-3.	1	3	07/13/04	Vanadium, total (3050)	SO	103		mg/Kg	0.5	3
GTB-7 1.0-3.	1	3	07/13/04	Zinc, total (3050)	SO	209		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Aluminum, total (3050)	SO	13800		mg/Kg	3	20
GTB-8 1-3	1	3	07/13/04	Antimony, total (3050)	SO	0.8		mg/Kg	0.1	0.5
GTB-8 1-3	1	3	07/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Aroclor 1260	SO	620		ug/Kg	30	30
GTB-8 1-3	1	3	07/13/04	Arsenic, total (3050)	SO	5.6		mg/Kg	0.3	1
GTB-8 1-3	1	3	07/13/04	Barium, total (3050)	SO	59.7		mg/Kg	0.3	1
GTB-8 1-3	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.2	1
GTB-8 1-3	1	3	07/13/04	Cadmium, total (3050)	SO	6.7		mg/Kg	0.5	2
GTB-8 1-3	1	3	07/13/04	Calcium, total (3050)	SO	93000		mg/Kg	40	200
GTB-8 1-3	1	3	07/13/04	Chromium, total (3050)	SO	224		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Copper, total (3050)	SO	29		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Iron, total (3050)	SO	10200		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Lead, total (3050)	SO	16.8		mg/Kg	0.05	0.3
GTB-8 1-3	1	3	07/13/04	Magnesium, total (3050)	SO	3900		mg/Kg	20	100
GTB-8 1-3	1	3	07/13/04	Manganese, total (3050)	SO	524		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Mercury, total	SO	0.34		mg/Kg	0.04	0.2
GTB-8 1-3	1	3	07/13/04	Molybdenum, total (3050)	SO	4	B	mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Nickel, total (3050)	SO	50		mg/Kg	1	5
GTB-8 1-3	1	3	07/13/04	Potassium, total (3050)	SO	4350		mg/Kg	30	100
GTB-8 1-3	1	3	07/13/04	Selenium, total (3050)	SO	4.4		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Silver, total (3050)	SO	1.21		mg/Kg	0.03	0.1
GTB-8 1-3	1	3	07/13/04	Sodium, total (3050)	SO	530		mg/Kg	30	100
GTB-8 1-3	1	3	07/13/04	Thallium, total (3050)	SO	0.47		mg/Kg	0.03	0.1
GTB-8 1-3	1	3	07/13/04	Vanadium, total (3050)	SO	149		mg/Kg	0.5	3
GTB-8 1-3	1	3	07/13/04	Zinc, total (3050)	SO	212		mg/Kg	1	5
GTB-9 1.0-3.	1	3	07/13/04	Aluminum, total (3050)	SO	16000		mg/Kg	6	30
GTB-9 1.0-3.	1	3	07/13/04	Antimony, total (3050)	SO	2.8		mg/Kg	0.1	0.5
GTB-9 1.0-3.	1	3	07/13/04	Arsenic, total (3050)	SO	9.8		mg/Kg	0.3	1
GTB-9 1.0-3.	1	3	07/13/04	Barium, total (3050)	SO	106		mg/Kg	0.6	2
GTB-9 1.0-3.	1	3	07/13/04	Beryllium, total (3050)	SO	0.7	B	mg/Kg	0.4	2
GTB-9 1.0-3.	1	3	07/13/04	Cadmium, total (3050)	SO	40		mg/Kg	1	3
GTB-9 1.0-3.	1	3	07/13/04	Calcium, total (3050)	SO	185000		mg/Kg	100	500
GTB-9 1.0-3.	1	3	07/13/04	Chromium, total (3050)	SO	417		mg/Kg	2	10
GTB-9 1.0-3.	1	3	07/13/04	Copper, total (3050)	SO	61		mg/Kg	2	10
GTB-9 1.0-3.	1	3	07/13/04	Iron, total (3050)	SO	11800		mg/Kg	2	10
GTB-9 1.0-3.	1	3	07/13/04	Lead, total (3050)	SO	21		mg/Kg	0.05	0.3
GTB-9 1.0-3.	1	3	07/13/04	Magnesium, total (3050)	SO	6340		mg/Kg	40	200

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-9 1.0-3.	1	3	07/13/04	Manganese, total (3050)	SO	522		mg/Kg	1	5
GTB-9 1.0-3.	1	3	07/13/04	Mercury, total	SO	0.51		mg/Kg	0.04	0.2
GTB-9 1.0-3.	1	3	07/13/04	Molybdenum, total (3050)	SO	11		mg/Kg	2	10
GTB-9 1.0-3.	1	3	07/13/04	Nickel, total (3050)	SO	89		mg/Kg	2	10
GTB-9 1.0-3.	1	3	07/13/04	Potassium, total (3050)	SO	4900		mg/Kg	60	200
GTB-9 1.0-3.	1	3	07/13/04	Selenium, total (3050)	SO	17.8		mg/Kg	0.5	3
GTB-9 1.0-3.	1	3	07/13/04	Silver, total (3050)	SO	3.47		mg/Kg	0.03	0.1
GTB-9 1.0-3.	1	3	07/13/04	Sodium, total (3050)	SO	1840		mg/Kg	60	200
GTB-9 1.0-3.	1	3	07/13/04	Thallium, total (3050)	SO	1.23		mg/Kg	0.03	0.1
GTB-9 1.0-3.	1	3	07/13/04	Vanadium, total (3050)	SO	438		mg/Kg	1	5
GTB-9 1.0-3.	1	3	07/13/04	Zinc, total (3050)	SO	522		mg/Kg	2	10
GTSO-5	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,2,4-Trimethylbenzene	SO	8	J	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-5	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-5	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-5	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300

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TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-5	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-5	1	1	09/13/04	Aluminum, total (3050)	SO	18200		mg/Kg	30	200
GTSO-5	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Antimony, total (3050)	SO	3.5		mg/Kg	0.1	0.5
GTSO-5	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-5	1	1	09/13/04	Arsenic, total (3050)	SO	7.7		mg/Kg	0.3	1
GTSO-5	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Barium, total (3050)	SO	104		mg/Kg	3	10
GTSO-5	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Benzoic acid	SO	700	J	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-5	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Cadmium, total (3050)	SO	26		mg/Kg	5	20
GTSO-5	1	1	09/13/04	Calcium, total (3050)	SO	201000		mg/Kg	200	1000
GTSO-5	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Chromium, total (3050)	SO	410		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Copper, total (3050)	SO	50		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-5	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Di-n-octyl phthalate	SO	200	J	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Iron, total (3050)	SO	9940		mg/Kg	10	50

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TABLE 4
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-5	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Lead, total (3050)	SO	83.6		mg/Kg	0.05	0.3
GTSO-5	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-5	1	1	09/13/04	Magnesium, total (3050)	SO	3600		mg/Kg	200	1000
GTSO-5	1	1	09/13/04	Manganese, total (3050)	SO	348		mg/Kg	5	30
GTSO-5	1	1	09/13/04	Mercury, total	SO	0.41		mg/Kg	0.05	0.2
GTSO-5	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Methylene Chloride	SO	185		ug/Kg	4	10
GTSO-5	1	1	09/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTSO-5	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Nickel, total (3050)	SO	50		mg/Kg	10	50
GTSO-5	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-5	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-5	1	1	09/13/04	Potassium, total (3050)	SO	6100		mg/Kg	300	1000
GTSO-5	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-5	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Selenium, total (3050)	SO	7		mg/Kg	1	5
GTSO-5	1	1	09/13/04	Silver, total (3050)	SO	6.95		mg/Kg	0.03	0.1
GTSO-5	1	1	09/13/04	Sodium, total (3050)	SO	1400		mg/Kg	300	1000
GTSO-5	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Thallium, total (3050)	SO	1.75		mg/Kg	0.05	0.3
GTSO-5	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-5	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-5	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Vanadium, total (3050)	SO	534		mg/Kg	5	30
GTSO-5	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-5	1	1	09/13/04	Zinc, total (3050)	SO	870		mg/Kg	10	50
GTSO-6	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-6	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-6	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-6	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-6	1	1	09/13/04	Aluminum, total (3050)	SO	14600		mg/Kg	30	200
GTSO-6	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Antimony, total (3050)	SO	3.2		mg/Kg	0.1	0.5
GTSO-6	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-6	1	1	09/13/04	Arsenic, total (3050)	SO	9.1		mg/Kg	0.3	1
GTSO-6	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Barium, total (3050)	SO	96		mg/Kg	3	10
GTSO-6	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Benzoic acid	SO	600	J	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-6	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Cadmium, total (3050)	SO	15	B	mg/Kg	5	20

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	Calcium, total (3050)	SO	196000		mg/Kg	200	1000
GTSO-6	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Chromium, total (3050)	SO	440		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Copper, total (3050)	SO	120		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-6	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Iron, total (3050)	SO	12000		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Lead, total (3050)	SO	40		mg/Kg	0.05	0.3
GTSO-6	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-6	1	1	09/13/04	Magnesium, total (3050)	SO	3700		mg/Kg	200	1000
GTSO-6	1	1	09/13/04	Manganese, total (3050)	SO	297		mg/Kg	5	30
GTSO-6	1	1	09/13/04	Mercury, total	SO	0.43		mg/Kg	0.04	0.2
GTSO-6	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Methylene Chloride	SO	75		ug/Kg	4	10
GTSO-6	1	1	09/13/04	Molybdenum, total (3050)	SO	10	B	mg/Kg	10	50
GTSO-6	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-6	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Nickel, total (3050)	SO	100		mg/Kg	10	50
GTSO-6	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-6	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-6	1	1	09/13/04	Potassium, total (3050)	SO	4900		mg/Kg	300	1000
GTSO-6	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-6	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Selenium, total (3050)	SO	8.2		mg/Kg	0.5	3
GTSO-6	1	1	09/13/04	Silver, total (3050)	SO	5.43		mg/Kg	0.03	0.1
GTSO-6	1	1	09/13/04	Sodium, total (3050)	SO	1200		mg/Kg	300	1000
GTSO-6	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Thallium, total (3050)	SO	0.71		mg/Kg	0.05	0.3
GTSO-6	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10

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TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-6	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-6	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Vanadium, total (3050)	SO	510		mg/Kg	5	30
GTSO-6	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-6	1	1	09/13/04	Zinc, total (3050)	SO	450		mg/Kg	10	50
GTSO-7	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
GTSO-7	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-7	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-7	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-7	1	1	09/13/04	Aluminum, total (3050)	SO	17300		mg/Kg	30	200
GTSO-7	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-7	1	1	09/13/04	Antimony, total (3050)	SO	2.4		mg/Kg	0.1	0.5
GTSO-7	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-7	1	1	09/13/04	Aroclor 1260	SO	90		ug/Kg	30	30
GTSO-7	1	1	09/13/04	Arsenic, total (3050)	SO	10.3		mg/Kg	0.3	1
GTSO-7	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Barium, total (3050)	SO	90		mg/Kg	3	10
GTSO-7	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Benzoic acid	SO	700	J	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTSO-7	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Cadmium, total (3050)	SO	17	B	mg/Kg	5	20
GTSO-7	1	1	09/13/04	Calcium, total (3050)	SO	128000		mg/Kg	200	1000
GTSO-7	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Chromium, total (3050)	SO	270		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Copper, total (3050)	SO	40	B	mg/Kg	10	50
GTSO-7	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-7	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Iron, total (3050)	SO	13700		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Lead, total (3050)	SO	105		mg/Kg	0.05	0.3
GTSO-7	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-7	1	1	09/13/04	Magnesium, total (3050)	SO	12100		mg/Kg	200	1000

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-7	1	1	09/13/04	Manganese, total (3050)	SO	419		mg/Kg	5	30
GTSO-7	1	1	09/13/04	Mercury, total	SO	0.27		mg/Kg	0.04	0.2
GTSO-7	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Methylene Chloride	SO	84		ug/Kg	4	10
GTSO-7	1	1	09/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTSO-7	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Nickel, total (3050)	SO	60		mg/Kg	10	50
GTSO-7	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Pentachlorophenol	SO	1300	J	ug/Kg	300	2000
GTSO-7	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-7	1	1	09/13/04	Potassium, total (3050)	SO	5200		mg/Kg	300	1000
GTSO-7	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-7	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Selenium, total (3050)	SO	8		mg/Kg	1	5
GTSO-7	1	1	09/13/04	Silver, total (3050)	SO	4.28		mg/Kg	0.03	0.1
GTSO-7	1	1	09/13/04	Sodium, total (3050)	SO	900	B	mg/Kg	300	1000
GTSO-7	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Thallium, total (3050)	SO	0.99		mg/Kg	0.05	0.3
GTSO-7	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-7	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-7	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Vanadium, total (3050)	SO	291		mg/Kg	5	30
GTSO-7	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10
GTSO-7	1	1	09/13/04	Zinc, total (3050)	SO	530		mg/Kg	10	50
GTSO-8	1	1	09/13/04	1,1,1,2-Tetrachloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1,1-Trichloroethane	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	1,1,2,2-Tetrachloroethane	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	1,1,2-Trichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,1-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,3-Trichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,3-Trichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,2,4-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dibromo-3-chloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dibromoethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,2-Dichloroethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3,5-Trimethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	1,3-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,2-Dichloropropane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000

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TABLE 4
SOIL - ECO
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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-8	1	1	09/13/04	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2-Butanone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	2-Chloroethyl vinyl ether	SO		U	ug/Kg	5	30
GTSO-8	1	1	09/13/04	2-Chloronaphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Chlorophenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	2-Hexanone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	2-Methylnaphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	2-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	2-Nitrophenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	3-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chloroaniline	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	4-Chlorotoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	4-Isopropyltoluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	4-Methyl-2-Pentanone	SO		U	ug/Kg	10	50
GTSO-8	1	1	09/13/04	4-Nitroaniline	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	4-Nitrophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Acenaphthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Acenaphthylene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Acetone	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Acrylonitrile	SO		U	ug/Kg	20	40
GTSO-8	1	1	09/13/04	Aluminum, total (3050)	SO	22800		mg/Kg	3	20
GTSO-8	1	1	09/13/04	Anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Antimony, total (3050)	SO	0.1	B	mg/Kg	0.1	0.5
GTSO-8	1	1	09/13/04	Aroclor 1016	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1221	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1232	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1242	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1248	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1254	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Aroclor 1260	SO		U	ug/Kg	30	30
GTSO-8	1	1	09/13/04	Arsenic, total (3050)	SO	5.4		mg/Kg	0.3	1
GTSO-8	1	1	09/13/04	Azobenzene	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Barium, total (3050)	SO	80		mg/Kg	0.3	1
GTSO-8	1	1	09/13/04	Benzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Benzo(a)anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(a)pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Benzoic acid	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Benzyl alcohol	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTSO-8	1	1	09/13/04	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	Bromobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromochloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromodichloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromoform	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Bromomethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Cadmium, total (3050)	SO	1	B	mg/Kg	0.5	2
GTSO-8	1	1	09/13/04	Calcium, total (3050)	SO	43200		mg/Kg	20	100
GTSO-8	1	1	09/13/04	Carbon Disulfide	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Carbon Tetrachloride	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Chlorobenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chloroethane	SO		U	ug/Kg	4	10

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-8	1	1	09/13/04	Chloroform	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Chromium, total (3050)	SO	47		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Chrysene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	cis-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	cis-1,3-Dichloropropene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Copper, total (3050)	SO	26		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dibenzofuran	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dibromochloromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Dibromomethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Dichlorodifluoromethane	SO		U	ug/Kg	5	20
GTSO-8	1	1	09/13/04	Diethylphthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Dimethyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Di-n-octyl phthalate	SO	190	J	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Ethylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Fluoranthene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Fluorene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Hexachlorobutadiene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Hexachloroethane	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Iron, total (3050)	SO	26600		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Isophorone	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Isopropylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Lead, total (3050)	SO	13.4		mg/Kg	0.05	0.3
GTSO-8	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30
GTSO-8	1	1	09/13/04	Magnesium, total (3050)	SO	16500		mg/Kg	20	100
GTSO-8	1	1	09/13/04	Manganese, total (3050)	SO	1360		mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTSO-8	1	1	09/13/04	Methyl Tert Butyl Ether	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Methylene Chloride	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Molybdenum, total (3050)	SO	1	B	mg/Kg	1	5
GTSO-8	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	Naphthalene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	n-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Nickel, total (3050)	SO	34		mg/Kg	1	5
GTSO-8	1	1	09/13/04	Nitrobenzene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	n-Propylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Pentachlorophenol	SO		U	ug/Kg	300	2000
GTSO-8	1	1	09/13/04	Phenanthrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	Phenol	SO		U	ug/Kg	100	700
GTSO-8	1	1	09/13/04	Potassium, total (3050)	SO	5520		mg/Kg	30	100
GTSO-8	1	1	09/13/04	Pyrene	SO		U	ug/Kg	70	300
GTSO-8	1	1	09/13/04	sec-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Selenium, total (3050)	SO		U	mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Silver, total (3050)	SO	0.22		mg/Kg	0.03	0.1
GTSO-8	1	1	09/13/04	Sodium, total (3050)	SO	190		mg/Kg	30	100
GTSO-8	1	1	09/13/04	Styrene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	tert-Butylbenzene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Tetrachloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Thallium, total (3050)	SO	0.29	B	mg/Kg	0.05	0.3
GTSO-8	1	1	09/13/04	Toluene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	trans-1,2-Dichloroethene	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	trans-1,3-Dichloropropene	SO		U	ug/Kg	3	10
GTSO-8	1	1	09/13/04	Trichloroethene	SO		U	ug/Kg	5	20
GTSO-8	1	1	09/13/04	Trichlorofluoromethane	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Vanadium, total (3050)	SO	40.7		mg/Kg	0.5	3
GTSO-8	1	1	09/13/04	Vinyl Acetate	SO		U	ug/Kg	4	10
GTSO-8	1	1	09/13/04	Vinyl Chloride	SO		U	ug/Kg	4	10

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSO-8	1	1	09/13/04	Zinc, total (3050)	SO	135		mg/Kg	1	5
GTB-12 2.0-4	2	4	07/13/04	Aluminum, total (3050)	SO	33600		mg/Kg	30	200
GTB-12 2.0-4	2	4	07/13/04	Antimony, total (3050)	SO	2.1		mg/Kg	0.1	0.5
GTB-12 2.0-4	2	4	07/13/04	Arsenic, total (3050)	SO	3.5		mg/Kg	0.3	1
GTB-12 2.0-4	2	4	07/13/04	Barium, total (3050)	SO	191		mg/Kg	0.3	1
GTB-12 2.0-4	2	4	07/13/04	Beryllium, total (3050)	SO	3	B	mg/Kg	2	10
GTB-12 2.0-4	2	4	07/13/04	Cadmium, total (3050)	SO	44		mg/Kg	5	20
GTB-12 2.0-4	2	4	07/13/04	Calcium, total (3050)	SO	248000		mg/Kg	200	1000
GTB-12 2.0-4	2	4	07/13/04	Chromium, total (3050)	SO	450		mg/Kg	10	50
GTB-12 2.0-4	2	4	07/13/04	Copper, total (3050)	SO	20	B	mg/Kg	10	50
GTB-12 2.0-4	2	4	07/13/04	Iron, total (3050)	SO	5720		mg/Kg	10	50
GTB-12 2.0-4	2	4	07/13/04	Lead, total (3050)	SO	5.34		mg/Kg	0.05	0.3
GTB-12 2.0-4	2	4	07/13/04	Magnesium, total (3050)	SO	4500		mg/Kg	200	1000
GTB-12 2.0-4	2	4	07/13/04	Manganese, total (3050)	SO	191		mg/Kg	5	30
GTB-12 2.0-4	2	4	07/13/04	Mercury, total	SO	0.05	B	mg/Kg	0.04	0.2
GTB-12 2.0-4	2	4	07/13/04	Molybdenum, total (3050)	SO		U	mg/Kg	10	50
GTB-12 2.0-4	2	4	07/13/04	Nickel, total (3050)	SO	30	B	mg/Kg	10	50
GTB-12 2.0-4	2	4	07/13/04	Potassium, total (3050)	SO	8950		mg/Kg	30	100
GTB-12 2.0-4	2	4	07/13/04	Selenium, total (3050)	SO	18.6		mg/Kg	0.5	3
GTB-12 2.0-4	2	4	07/13/04	Silver, total (3050)	SO	1.75		mg/Kg	0.03	0.1
GTB-12 2.0-4	2	4	07/13/04	Sodium, total (3050)	SO	2880		mg/Kg	30	100
GTB-12 2.0-4	2	4	07/13/04	Thallium, total (3050)	SO	0.89		mg/Kg	0.03	0.1
GTB-12 2.0-4	2	4	07/13/04	Vanadium, total (3050)	SO	554		mg/Kg	5	30
GTB-12 2.0-4	2	4	07/13/04	Zinc, total (3050)	SO	710		mg/Kg	10	50
GTB-13 2-4	2	4	07/13/04	Aluminum, total (3050)	SO	13100		mg/Kg	3	20
GTB-13 2-4	2	4	07/13/04	Antimony, total (3050)	SO	1.6		mg/Kg	0.1	0.5
GTB-13 2-4	2	4	07/13/04	Arsenic, total (3050)	SO	6.5		mg/Kg	0.3	1
GTB-13 2-4	2	4	07/13/04	Barium, total (3050)	SO	87.3		mg/Kg	0.3	1
GTB-13 2-4	2	4	07/13/04	Beryllium, total (3050)	SO	1		mg/Kg	0.2	1
GTB-13 2-4	2	4	07/13/04	Cadmium, total (3050)	SO	28.8		mg/Kg	0.5	2
GTB-13 2-4	2	4	07/13/04	Calcium, total (3050)	SO	201000		mg/Kg	200	1000
GTB-13 2-4	2	4	07/13/04	Chromium, total (3050)	SO	247		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Copper, total (3050)	SO	34		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Iron, total (3050)	SO	7660		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Lead, total (3050)	SO	11		mg/Kg	0.05	0.3
GTB-13 2-4	2	4	07/13/04	Magnesium, total (3050)	SO	3830		mg/Kg	20	100
GTB-13 2-4	2	4	07/13/04	Manganese, total (3050)	SO	251		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Mercury, total	SO	0.11	B	mg/Kg	0.05	0.2
GTB-13 2-4	2	4	07/13/04	Molybdenum, total (3050)	SO	7		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Nickel, total (3050)	SO	56		mg/Kg	1	5
GTB-13 2-4	2	4	07/13/04	Potassium, total (3050)	SO	4980		mg/Kg	30	100
GTB-13 2-4	2	4	07/13/04	Selenium, total (3050)	SO	8.2		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Silver, total (3050)	SO	2.26		mg/Kg	0.03	0.1
GTB-13 2-4	2	4	07/13/04	Sodium, total (3050)	SO	1160		mg/Kg	30	100
GTB-13 2-4	2	4	07/13/04	Thallium, total (3050)	SO	0.76		mg/Kg	0.03	0.1
GTB-13 2-4	2	4	07/13/04	Vanadium, total (3050)	SO	245		mg/Kg	0.5	3
GTB-13 2-4	2	4	07/13/04	Zinc, total (3050)	SO	638		mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Aluminum, total (3050)	SO	26100		mg/Kg	3	20
GTB-4 2.0-4.	2	4	07/14/04	Antimony, total (3050)	SO	0.5	B	mg/Kg	0.1	0.5
GTB-4 2.0-4.	2	4	07/14/04	Arsenic, total (3050)	SO	5.9		mg/Kg	0.3	1
GTB-4 2.0-4.	2	4	07/14/04	Barium, total (3050)	SO	121		mg/Kg	0.3	1
GTB-4 2.0-4.	2	4	07/14/04	Beryllium, total (3050)	SO	1	B	mg/Kg	0.2	1
GTB-4 2.0-4.	2	4	07/14/04	Cadmium, total (3050)	SO	2.6		mg/Kg	0.5	2
GTB-4 2.0-4.	2	4	07/14/04	Calcium, total (3050)	SO	67900		mg/Kg	20	100
GTB-4 2.0-4.	2	4	07/14/04	Chromium, total (3050)	SO	63		mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Copper, total (3050)	SO	27		mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Iron, total (3050)	SO	21400		mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Lead, total (3050)	SO	34		mg/Kg	0.05	0.3
GTB-4 2.0-4.	2	4	07/14/04	Magnesium, total (3050)	SO	17100		mg/Kg	20	100
GTB-4 2.0-4.	2	4	07/14/04	Manganese, total (3050)	SO	1330		mg/Kg	0.5	3
GTB-4 2.0-4.	2	4	07/14/04	Mercury, total	SO	0.13	B	mg/Kg	0.04	0.2
GTB-4 2.0-4.	2	4	07/14/04	Molybdenum, total (3050)	SO	2	B	mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Nickel, total (3050)	SO	29		mg/Kg	1	5
GTB-4 2.0-4.	2	4	07/14/04	Potassium, total (3050)	SO	8030		mg/Kg	30	100
GTB-4 2.0-4.	2	4	07/14/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-4 2.0-4.	2	4	07/14/04	Silver, total (3050)	SO	1.23		mg/Kg	0.03	0.1
GTB-4 2.0-4.	2	4	07/14/04	Sodium, total (3050)	SO	260		mg/Kg	30	100

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-4 2.0-4.	2	4	07/14/04	Thallium, total (3050)	SO	0.39		mg/Kg	0.03	0.1
GTB-4 2.0-4.	2	4	07/14/04	Vanadium, total (3050)	SO	76		mg/Kg	0.5	3
GTB-4 2.0-4.	2	4	07/14/04	Zinc, total (3050)	SO	188		mg/Kg	1	5
B-21 3-4.5	3	4.5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-21 3-4.5	3	4.5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-21 3-4.5	3	4.5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-21 3-4.5	3	4.5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2
B-21 3-4.5	3	4.5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300

APPENDIX A
TABLE 4
SOIL - ECO
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-21 3-4.5	3	4.5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-21 3-4.5	3	4.5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-21 3-4.5	3	4.5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-21 3-4.5	3	4.5	10/13/05	Toluene	SO	0.8	J	ug/Kg	0.2	1
GTB-10 3.0-5	3	5	07/13/04	Aluminum, total (3050)	SO	13000		mg/Kg	3	20
GTB-10 3.0-5	3	5	07/13/04	Antimony, total (3050)	SO	5.3		mg/Kg	0.1	0.5
GTB-10 3.0-5	3	5	07/13/04	Arsenic, total (3050)	SO	9.3		mg/Kg	0.3	1
GTB-10 3.0-5	3	5	07/13/04	Barium, total (3050)	SO	91.3		mg/Kg	0.3	1
GTB-10 3.0-5	3	5	07/13/04	Beryllium, total (3050)	SO	0.4	B	mg/Kg	0.2	1
GTB-10 3.0-5	3	5	07/13/04	Cadmium, total (3050)	SO	6.4		mg/Kg	0.5	2
GTB-10 3.0-5	3	5	07/13/04	Calcium, total (3050)	SO	203000		mg/Kg	200	1000
GTB-10 3.0-5	3	5	07/13/04	Chromium, total (3050)	SO	304		mg/Kg	1	5
GTB-10 3.0-5	3	5	07/13/04	Copper, total (3050)	SO	155		mg/Kg	1	5
GTB-10 3.0-5	3	5	07/13/04	Iron, total (3050)	SO	10900		mg/Kg	1	5
GTB-10 3.0-5	3	5	07/13/04	Lead, total (3050)	SO	105		mg/Kg	0.05	0.3
GTB-10 3.0-5	3	5	07/13/04	Magnesium, total (3050)	SO	3180		mg/Kg	20	100
GTB-10 3.0-5	3	5	07/13/04	Manganese, total (3050)	SO	231		mg/Kg	0.5	3
GTB-10 3.0-5	3	5	07/13/04	Mercury, total	SO	29.2		mg/Kg	0.5	2
GTB-10 3.0-5	3	5	07/13/04	Molybdenum, total (3050)	SO	11		mg/Kg	1	5
GTB-10 3.0-5	3	5	07/13/04	Nickel, total (3050)	SO	72		mg/Kg	1	5
GTB-10 3.0-5	3	5	07/13/04	Potassium, total (3050)	SO	4290		mg/Kg	30	100
GTB-10 3.0-5	3	5	07/13/04	Selenium, total (3050).	SO	6		mg/Kg	0.5	3
GTB-10 3.0-5	3	5	07/13/04	Silver, total (3050)	SO	12.8		mg/Kg	0.03	0.1
GTB-10 3.0-5	3	5	07/13/04	Sodium, total (3050)	SO	1090		mg/Kg	30	100
GTB-10 3.0-5	3	5	07/13/04	Thallium, total (3050)	SO	0.84		mg/Kg	0.03	0.1
GTB-10 3.0-5	3	5	07/13/04	Vanadium, total (3050)	SO	404		mg/Kg	0.5	3
GTB-10 3.0-5	3	5	07/13/04	Zinc, total (3050)	SO	395		mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Aluminum, total (3050)	SO	12800		mg/Kg	3	20
GTB-10 7.0-9	3	5	07/13/04	Antimony, total (3050)	SO	1.1		mg/Kg	0.1	0.5
GTB-10 7.0-9	3	5	07/13/04	Arsenic, total (3050)	SO	5.7		mg/Kg	0.3	1
GTB-10 7.0-9	3	5	07/13/04	Barium, total (3050)	SO	85.2		mg/Kg	0.3	1
GTB-10 7.0-9	3	5	07/13/04	Beryllium, total (3050)	SO	0.6	B	mg/Kg	0.2	1
GTB-10 7.0-9	3	5	07/13/04	Cadmium, total (3050)	SO	2.8		mg/Kg	0.5	2
GTB-10 7.0-9	3	5	07/13/04	Calcium, total (3050)	SO	71600		mg/Kg	20	100
GTB-10 7.0-9	3	5	07/13/04	Chromium, total (3050)	SO	62		mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Copper, total (3050)	SO	28		mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Iron, total (3050)	SO	14500		mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Lead, total (3050)	SO	7.83		mg/Kg	0.05	0.3
GTB-10 7.0-9	3	5	07/13/04	Magnesium, total (3050)	SO	5920		mg/Kg	20	100
GTB-10 7.0-9	3	5	07/13/04	Manganese, total (3050)	SO	605		mg/Kg	0.5	3
GTB-10 7.0-9	3	5	07/13/04	Mercury, total	SO	0.09	B	mg/Kg	0.05	0.2
GTB-10 7.0-9	3	5	07/13/04	Molybdenum, total (3050)	SO	3	B	mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Nickel, total (3050)	SO	30		mg/Kg	1	5
GTB-10 7.0-9	3	5	07/13/04	Potassium, total (3050)	SO	3060		mg/Kg	30	100
GTB-10 7.0-9	3	5	07/13/04	Selenium, total (3050)	SO	1.5	B	mg/Kg	0.5	3
GTB-10 7.0-9	3	5	07/13/04	Silver, total (3050)	SO	0.34		mg/Kg	0.03	0.1
GTB-10 7.0-9	3	5	07/13/04	Sodium, total (3050)	SO	200		mg/Kg	30	100
GTB-10 7.0-9	3	5	07/13/04	Thallium, total (3050)	SO	0.25		mg/Kg	0.03	0.1
GTB-10 7.0-9	3	5	07/13/04	Vanadium, total (3050)	SO	54.3		mg/Kg	0.5	3
GTB-10 7.0-9	3	5	07/13/04	Zinc, total (3050)	SO	319		mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Aluminum, total (3050)	SO	18000		mg/Kg	3	20
GTB-11 3.0-5	3	5	07/13/04	Antimony, total (3050)	SO	0.4	B	mg/Kg	0.1	0.5
GTB-11 3.0-5	3	5	07/13/04	Arsenic, total (3050)	SO	7.3		mg/Kg	0.3	1
GTB-11 3.0-5	3	5	07/13/04	Barium, total (3050)	SO	164		mg/Kg	0.3	1
GTB-11 3.0-5	3	5	07/13/04	Beryllium, total (3050)	SO	0.9	B	mg/Kg	0.2	1
GTB-11 3.0-5	3	5	07/13/04	Cadmium, total (3050)	SO	4.5		mg/Kg	0.5	2
GTB-11 3.0-5	3	5	07/13/04	Calcium, total (3050)	SO	19300		mg/Kg	20	100
GTB-11 3.0-5	3	5	07/13/04	Chromium, total (3050)	SO	65		mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Copper, total (3050)	SO	21		mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Iron, total (3050)	SO	18000		mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Lead, total (3050)	SO	11		mg/Kg	0.05	0.3
GTB-11 3.0-5	3	5	07/13/04	Magnesium, total (3050)	SO	6620		mg/Kg	20	100
GTB-11 3.0-5	3	5	07/13/04	Manganese, total (3050)	SO	1440		mg/Kg	0.5	3

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTB-11 3.0-5	3	5	07/13/04	Mercury, total	SO		U	mg/Kg	0.05	0.2
GTB-11 3.0-5	3	5	07/13/04	Molybdenum, total (3050)	SO	3	B	mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Nickel, total (3050)	SO	36		mg/Kg	1	5
GTB-11 3.0-5	3	5	07/13/04	Potassium, total (3050)	SO	4170		mg/Kg	30	100
GTB-11 3.0-5	3	5	07/13/04	Selenium, total (3050)	SO	1.6	B	mg/Kg	0.5	3
GTB-11 3.0-5	3	5	07/13/04	Silver, total (3050)	SO	0.51		mg/Kg	0.03	0.1
GTB-11 3.0-5	3	5	07/13/04	Sodium, total (3050)	SO	1730		mg/Kg	30	100
GTB-11 3.0-5	3	5	07/13/04	Thallium, total (3050)	SO	0.34		mg/Kg	0.03	0.1
GTB-11 3.0-5	3	5	07/13/04	Vanadium, total (3050)	SO	50.1		mg/Kg	0.5	3
GTB-11 3.0-5	3	5	07/13/04	Zinc, total (3050)	SO	179		mg/Kg	1	5
B-20 3.5-5	3.5	5	10/13/05	1,2,4-Trichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,2-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,3-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	1,4-Dichlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4,5-Trichlorophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2,4,6-Trichlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4-Dichlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,4-Dimethylphenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	2,4-Dinitrophenol	SO		U	ug/Kg	700	3000
B-20 3.5-5	3.5	5	10/13/05	2,4-Dinitrotoluene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2,6-Dinitrotoluene	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2-Chloronaphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Chlorophenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Methylnaphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	2-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	2-Nitrophenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	3- & 4-Methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	3,3-Dichlorobenzidine	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	3-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4,6-Dinitro-2-methylphenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4-Bromophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chloro-3-methylphenol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chloroaniline	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Chlorophenyl phenyl ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	4-Nitroaniline	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	4-Nitrophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Acenaphthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Acenaphthylene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Azobenzene	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Benzene	SO		U	ug/Kg	0.3	1
B-20 3.5-5	3.5	5	10/13/05	Benzo(a)anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(a)pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(b)fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(g,h,i)perylene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzo(k)fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Benzoic acid	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Benzyl alcohol	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroethoxy)methane	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroethyl) ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-chloroisopropyl) ether	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Bis(2-ethylhexyl) phthalate	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	Butyl benzyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Chrysene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dibenzo(a,h)anthracene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dibenzofuran	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Diethylphthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Dimethyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Di-n-butyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Di-n-octyl phthalate	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Ethylbenzene	SO		U	ug/Kg	0.2	1
B-20 3.5-5	3.5	5	10/13/05	Fluoranthene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Fluorene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachlorobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachlorobutadiene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Hexachlorocyclopentadiene	SO		U	ug/Kg	70	300

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CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
B-20 3.5-5	3.5	5	10/13/05	Hexachloroethane	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Indeno(1,2,3-cd)pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Isophorone	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	m p Xylene	SO	0.4	J	ug/Kg	0.4	2
B-20 3.5-5	3.5	5	10/13/05	Naphthalene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Nitrobenzene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodimethylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodi-n-propylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	N-Nitrosodiphenylamine	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1
B-20 3.5-5	3.5	5	10/13/05	Pentachlorophenol	SO		U	ug/Kg	300	2000
B-20 3.5-5	3.5	5	10/13/05	Phenanthrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Phenol	SO		U	ug/Kg	100	700
B-20 3.5-5	3.5	5	10/13/05	Pyrene	SO		U	ug/Kg	70	300
B-20 3.5-5	3.5	5	10/13/05	Toluene	SO	0.4	J	ug/Kg	0.2	1

APPENDIX A
TABLE 5
ORE
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTORE-1	09/13/04	Aluminum, total (3050)	SO	14400		mg/Kg	30	200
GTORE-1	09/13/04	Antimony, total (3050)	SO	7.4		mg/Kg	0.1	0.5
GTORE-1	09/13/04	Arsenic, total (3050)	SO	21		mg/Kg	0.3	1
GTORE-1	09/13/04	Barium, total (3050)	SO	80		mg/Kg	3	10
GTORE-1	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTORE-1	09/13/04	Cadmium, total (3050)	SO	69		mg/Kg	5	20
GTORE-1	09/13/04	Calcium, total (3050)	SO	207000		mg/Kg	200	1000
GTORE-1	09/13/04	Chromium, total (3050)	SO	1090		mg/Kg	10	50
GTORE-1	09/13/04	Copper, total (3050)	SO	130		mg/Kg	10	50
GTORE-1	09/13/04	Iron, total (3050)	SO	13700		mg/Kg	10	50
GTORE-1	09/13/04	Lead, total (3050)	SO	11		mg/Kg	0.05	0.3
GTORE-1	09/13/04	Magnesium, total (3050)	SO	3100		mg/Kg	200	1000
GTORE-1	09/13/04	Manganese, total (3050)	SO	130		mg/Kg	5	30
GTORE-1	09/13/04	Mercury, total	SO	0.53		mg/Kg	0.04	0.2
GTORE-1	09/13/04	Molybdenum, total (3050)	SO	30	B	mg/Kg	10	50
GTORE-1	09/13/04	Nickel, total (3050)	SO	220		mg/Kg	10	50
GTORE-1	09/13/04	Potassium, total (3050)	SO	4800		mg/Kg	300	1000
GTORE-1	09/13/04	Selenium, total (3050)	SO	36		mg/Kg	1	5
GTORE-1	09/13/04	Silver, total (3050)	SO	6.43		mg/Kg	0.03	0.1
GTORE-1	09/13/04	Sodium, total (3050)	SO	1500		mg/Kg	300	1000
GTORE-1	09/13/04	Thallium, total (3050)	SO	2.16		mg/Kg	0.05	0.3
GTORE-1	09/13/04	Uranium, total (3050)	SO	66.7		mg/Kg	0.03	0.1
GTORE-1	09/13/04	Vanadium, total (3050)	SO	839		mg/Kg	5	30
GTORE-1	09/13/04	Zinc, total (3050)	SO	1080		mg/Kg	10	50
GTORE-2	09/13/04	Aluminum, total (3050)	SO	14200		mg/Kg	30	200
GTORE-2	09/13/04	Antimony, total (3050)	SO	8		mg/Kg	0.1	0.5
GTORE-2	09/13/04	Arsenic, total (3050)	SO	20.6		mg/Kg	0.3	1
GTORE-2	09/13/04	Barium, total (3050)	SO	68		mg/Kg	3	10
GTORE-2	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10
GTORE-2	09/13/04	Cadmium, total (3050)	SO	93		mg/Kg	5	20
GTORE-2	09/13/04	Calcium, total (3050)	SO	205000		mg/Kg	200	1000
GTORE-2	09/13/04	Chromium, total (3050)	SO	1160		mg/Kg	10	50
GTORE-2	09/13/04	Copper, total (3050)	SO	120		mg/Kg	10	50
GTORE-2	09/13/04	Iron, total (3050)	SO	13800		mg/Kg	10	50
GTORE-2	09/13/04	Lead, total (3050)	SO	11.5		mg/Kg	0.05	0.3
GTORE-2	09/13/04	Magnesium, total (3050)	SO	2700		mg/Kg	200	1000
GTORE-2	09/13/04	Manganese, total (3050)	SO	95		mg/Kg	5	30
GTORE-2	09/13/04	Mercury, total	SO	0.55		mg/Kg	0.04	0.2
GTORE-2	09/13/04	Molybdenum, total (3050)	SO	30	B	mg/Kg	10	50
GTORE-2	09/13/04	Nickel, total (3050)	SO	190		mg/Kg	10	50
GTORE-2	09/13/04	Potassium, total (3050)	SO	4700		mg/Kg	300	1000
GTORE-2	09/13/04	Selenium, total (3050)	SO	39		mg/Kg	1	5
GTORE-2	09/13/04	Silver, total (3050)	SO	6.91		mg/Kg	0.03	0.1
GTORE-2	09/13/04	Sodium, total (3050)	SO	1200		mg/Kg	300	1000
GTORE-2	09/13/04	Thallium, total (3050)	SO	2.97		mg/Kg	0.05	0.3
GTORE-2	09/13/04	Uranium, total (3050)	SO	74.7		mg/Kg	0.03	0.1
GTORE-2	09/13/04	Vanadium, total (3050)	SO	1100		mg/Kg	5	30
GTORE-2	09/13/04	Zinc, total (3050)	SO	1180		mg/Kg	10	50
GTORE-3	09/13/04	Aluminum, total (3050)	SO	14500		mg/Kg	30	200
GTORE-3	09/13/04	Antimony, total (3050)	SO	7.7		mg/Kg	0.1	0.5
GTORE-3	09/13/04	Arsenic, total (3050)	SO	21.8		mg/Kg	0.3	1
GTORE-3	09/13/04	Barium, total (3050)	SO	76		mg/Kg	3	10
GTORE-3	09/13/04	Beryllium, total (3050)	SO		U	mg/Kg	2	10

APPENDIX A
TABLE 5
ORE
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTORE-3	09/13/04	Cadmium, total (3050)	SO	100		mg/Kg	5	20
GTORE-3	09/13/04	Calcium, total (3050)	SO	210000		mg/Kg	200	1000
GTORE-3	09/13/04	Chromium, total (3050)	SO	1020		mg/Kg	10	50
GTORE-3	09/13/04	Copper, total (3050)	SO	110		mg/Kg	10	50
GTORE-3	09/13/04	Iron, total (3050)	SO	12600		mg/Kg	10	50
GTORE-3	09/13/04	Lead, total (3050)	SO	14.5		mg/Kg	0.05	0.3
GTORE-3	09/13/04	Magnesium, total (3050)	SO	2800		mg/Kg	200	1000
GTORE-3	09/13/04	Manganese, total (3050)	SO	275		mg/Kg	5	30
GTORE-3	09/13/04	Mercury, total	SO	0.42		mg/Kg	0.04	0.2
GTORE-3	09/13/04	Molybdenum, total (3050)	SO	40	B	mg/Kg	10	50
GTORE-3	09/13/04	Nickel, total (3050)	SO	210		mg/Kg	10	50
GTORE-3	09/13/04	Potassium, total (3050)	SO	4900		mg/Kg	300	1000
GTORE-3	09/13/04	Selenium, total (3050)	SO	35		mg/Kg	1	5
GTORE-3	09/13/04	Silver, total (3050)	SO	5.91		mg/Kg	0.03	0.1
GTORE-3	09/13/04	Sodium, total (3050)	SO	1200		mg/Kg	300	1000
GTORE-3	09/13/04	Thallium, total (3050)	SO	3.6		mg/Kg	0.05	0.3
GTORE-3	09/13/04	Uranium, total (3050)	SO	81.8		mg/Kg	0.03	0.1
GTORE-3	09/13/04	Vanadium, total (3050)	SO	1240		mg/Kg	5	30
GTORE-3	09/13/04	Zinc, total (3050)	SO	1270		mg/Kg	10	50

APPENDIX A
TABLE 6
SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSED-1	05/26/04	Aluminum, total (3050)	SED	14500		mg/Kg	3	20
GTSED-1	05/26/04	Antimony, total (3050)	SED	0.8		mg/Kg	0.1	0.5
GTSED-1	05/26/04	Arsenic, total (3050)	SED	7.26		mg/Kg	0.25	1.5
GTSED-1	05/26/04	Barium, total (3050)	SED	77.9		mg/Kg	0.3	1
GTSED-1	05/26/04	Beryllium, total (3050)	SED	0.9	B	mg/Kg	0.2	1
GTSED-1	05/26/04	Cadmium, total (3050)	SED	5.2		mg/Kg	0.5	2
GTSED-1	05/26/04	Calcium, total (3050)	SED	101000		mg/Kg	40	200
GTSED-1	05/26/04	Chromium, total (3050)	SED	195		mg/Kg	1	5
GTSED-1	05/26/04	Copper, total (3050)	SED	31		mg/Kg	1	5
GTSED-1	05/26/04	Iron, total (3050)	SED	10900		mg/Kg	1	5
GTSED-1	05/26/04	Lead, total (3050)	SED	7.4		mg/Kg	0.05	0.3
GTSED-1	05/26/04	Magnesium, total (3050)	SED	12200		mg/Kg	20	100
GTSED-1	05/26/04	Manganese, total (3050)	SED	427		mg/Kg	0.5	3
GTSED-1	05/26/04	Mercury, total	SED	0.07	B	mg/Kg	0.04	0.2
GTSED-1	05/26/04	Molybdenum, total (3050)	SED	5		mg/Kg	1	5
GTSED-1	05/26/04	Nickel, total (3050)	SED	55		mg/Kg	1	5
GTSED-1	05/26/04	Potassium, total (3050)	SED	4730		mg/Kg	30	100
GTSED-1	05/26/04	Selenium, total (3050)	SED	15.8		mg/Kg	0.5	3
GTSED-1	05/26/04	Silver, total (3050)	SED	1.47		mg/Kg	0.03	0.1
GTSED-1	05/26/04	Sodium, total (3050)	SED	720		mg/Kg	30	100
GTSED-1	05/26/04	Thallium, total (3050)	SED	0.41		mg/Kg	0.03	0.1
GTSED-1	05/26/04	Vanadium, total (3050)	SED	114		mg/Kg	0.5	3
GTSED-1	05/26/04	Zinc, total (3050)	SED	217		mg/Kg	1	5
GTSED-2	05/26/04	1,1,1,2-Tetrachloroethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,1,1-Trichloroethane	SED		U	ug/Kg	100	300
GTSED-2	05/26/04	1,1,2,2-Tetrachloroethane	SED		U	ug/Kg	30	100
GTSED-2	05/26/04	1,1,2-Trichloroethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,1-Dichloroethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,1-Dichloroethene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,1-Dichloropropene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2,3-Trichlorobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2,3-Trichloropropane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2,4-Trichlorobenzene	SED		U	ug/Kg	30	100
GTSED-2	05/26/04	1,2,4-Trichlorobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	1,2,4-Trimethylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2-Dibromo-3-chloropropane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2-Dibromoethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2-Dichlorobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2-Dichlorobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	1,2-Dichloroethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,2-Dichloropropane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,3,5-Trimethylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,3-Dichlorobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,3-Dichlorobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	1,3-Dichloropropane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,4-Dichlorobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	1,4-Dichlorobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2,2-Dichloropropane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	2,4,5-Trichlorophenol	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	2,4,6-Trichlorophenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2,4-Dichlorophenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2,4-Dimethylphenol	SED		U	ug/Kg	400	2000
GTSED-2	05/26/04	2,4-Dinitrophenol	SED		U	ug/Kg	2000	9000
GTSED-2	05/26/04	2,4-Dinitrotoluene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2,6-Dinitrotoluene	SED		U	ug/Kg	900	5000

APPENDIX A
TABLE 6
SEDIMENT
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSED-2	05/26/04	2-Butanone	SED	100	J	ug/Kg	100	300
GTSED-2	05/26/04	2-Chloroethyl vinyl ether	SED		U	ug/Kg	500	1000
GTSED-2	05/26/04	2-Chloronaphthalene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2-Chlorophenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2-Chlorotoluene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	2-Hexanone	SED		U	ug/Kg	100	300
GTSED-2	05/26/04	2-Methylnaphthalene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2-Methylphenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	2-Nitroaniline	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	2-Nitrophenol	SED		U	ug/Kg	400	2000
GTSED-2	05/26/04	3- & 4-Methylphenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	3,3-Dichlorobenzidine	SED		U	ug/Kg	400	2000
GTSED-2	05/26/04	3-Nitroaniline	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	4,6-Dinitro-2-methylphenol	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	4-Bromophenyl phenyl ether	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	4-Chloro-3-methylphenol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	4-Chloroaniline	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	4-Chlorophenyl phenyl ether	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	4-Chlorotoluene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	4-Isopropyltoluene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	4-Methyl-2-Pentanone	SED		U	ug/Kg	100	500
GTSED-2	05/26/04	4-Nitroaniline	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	4-Nitrophenol	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	Acenaphthene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Acenaphthylene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Acetone	SED		U	ug/Kg	100	300
GTSED-2	05/26/04	Acrylonitrile	SED		U	ug/Kg	200	400
GTSED-2	05/26/04	Aluminum, total (3050)	SED	14900		mg/Kg	3	20
GTSED-2	05/26/04	Anthracene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Antimony, total (3050)	SED	1		mg/Kg	0.1	0.5
GTSED-2	05/26/04	Aroclor 1016	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1221	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1232	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1242	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1248	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1254	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Aroclor 1260	SED		U	ug/Kg	100	100
GTSED-2	05/26/04	Arsenic, total (3050)	SED	5.92		mg/Kg	0.25	1.5
GTSED-2	05/26/04	Azobenzene	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	Barium, total (3050)	SED	114		mg/Kg	0.3	1
GTSED-2	05/26/04	Benzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Benzo(a)anthracene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Benzo(a)pyrene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Benzo(b)fluoranthene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Benzo(g,h,i)perylene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Benzo(k)fluoranthene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Benzoic acid	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	Benzyl alcohol	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Beryllium, total (3050)	SED	0.7	B	mg/Kg	0.2	1
GTSED-2	05/26/04	Bis(2-chloroethoxy)methane	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Bis(2-chloroethyl) ether	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Bis(2-chloroisopropyl) ether	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Bis(2-ethylhexyl) phthalate	SED		U	ug/Kg	400	2000
GTSED-2	05/26/04	Bromobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Bromochloromethane	SED		U	ug/Kg	40	100

APPENDIX A
TABLE 6
SEDIMENT
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSED-2	05/26/04	Bromodichloromethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Bromoform	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Bromomethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Butyl benzyl phthalate	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Cadmium, total (3050)	SED	10.3		mg/Kg	0.5	2
GTSED-2	05/26/04	Calcium, total (3050)	SED	44300		mg/Kg	20	100
GTSED-2	05/26/04	Carbon Disulfide	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Carbon Tetrachloride	SED		U	ug/Kg	100	300
GTSED-2	05/26/04	Chlorobenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Chloroethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Chloroform	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Chloromethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Chromium, total (3050)	SED	139		mg/Kg	1	5
GTSED-2	05/26/04	Chrysene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	cis-1,2-Dichloroethene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	cis-1,3-Dichloropropene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Copper, total (3050)	SED	29		mg/Kg	1	5
GTSED-2	05/26/04	Dibenzo(a,h)anthracene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Dibenzofuran	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Dibromochloromethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Dibromomethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Dichlorodifluoromethane	SED		U	ug/Kg	50	200
GTSED-2	05/26/04	Diethylphthalate	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Dimethyl phthalate	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Di-n-butyl phthalate	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Di-n-octyl phthalate	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Ethylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Fluoranthene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Fluorene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Hexachlorobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Hexachlorobutadiene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Hexachlorobutadiene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Hexachlorocyclopentadiene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Hexachloroethane	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Indeno(1,2,3-cd)pyrene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Iron, total (3050)	SED	15200		mg/Kg	1	5
GTSED-2	05/26/04	Isophorone	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Isopropylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Lead, total (3050)	SED	12.1		mg/Kg	0.05	0.3
GTSED-2	05/26/04	m,p-Xylene	SED		U	ug/Kg	100	300
GTSED-2	05/26/04	Magnesium, total (3050)	SED	6750		mg/Kg	20	100
GTSED-2	05/26/04	Manganese, total (3050)	SED	453		mg/Kg	0.5	3
GTSED-2	05/26/04	Mercury, total	SED	0.07	B	mg/Kg	0.05	0.2
GTSED-2	05/26/04	Methyl Tert Butyl Ether	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Methylene Chloride	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Molybdenum, total (3050)	SED	6		mg/Kg	1	5
GTSED-2	05/26/04	Naphthalene	SED		U	ug/Kg	30	100
GTSED-2	05/26/04	Naphthalene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	n-Butylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Nickel, total (3050)	SED	52		mg/Kg	1	5
GTSED-2	05/26/04	Nitrobenzene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	N-Nitrosodimethylamine	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	N-Nitrosodi-n-propylamine	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	N-Nitrosodiphenylamine	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	n-Propylbenzene	SED		U	ug/Kg	40	100

APPENDIX A
TABLE 6
SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSED-2	05/26/04	o-Xylene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Pentachlorophenol	SED		U	ug/Kg	900	5000
GTSED-2	05/26/04	Phenanthrene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	Phenol	SED		U	ug/Kg	400	2000
GTSED-2	05/26/04	Potassium, total (3050)	SED	3790		mg/Kg	30	100
GTSED-2	05/26/04	Pyrene	SED		U	ug/Kg	200	900
GTSED-2	05/26/04	sec-Butylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Selenium, total (3050)	SED	13.5		mg/Kg	0.5	3
GTSED-2	05/26/04	Silver, total (3050)	SED	1.13		mg/Kg	0.03	0.1
GTSED-2	05/26/04	Sodium, total (3050)	SED	240		mg/Kg	30	100
GTSED-2	05/26/04	Styrene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	tert-Butylbenzene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Tetrachloroethene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Thallium, total (3050)	SED	0.83		mg/Kg	0.03	0.1
GTSED-2	05/26/04	Toluene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	trans-1,2-Dichloroethene	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	trans-1,3-Dichloropropene	SED		U	ug/Kg	30	100
GTSED-2	05/26/04	Trichloroethene	SED		U	ug/Kg	50	200
GTSED-2	05/26/04	Trichlorofluoromethane	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Vanadium, total (3050)	SED	152		mg/Kg	0.5	3
GTSED-2	05/26/04	Vinyl Acetate	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Vinyl Chloride	SED		U	ug/Kg	40	100
GTSED-2	05/26/04	Zinc, total (3050)	SED	334		mg/Kg	1	5
GTSED-3	05/26/04	Aluminum, total (3050)	SED	16700		mg/Kg	3	20
GTSED-3	05/26/04	Antimony, total (3050)	SED	1.1		mg/Kg	0.1	0.5
GTSED-3	05/26/04	Arsenic, total (3050)	SED	4.71		mg/Kg	0.25	1.5
GTSED-3	05/26/04	Barium, total (3050)	SED	152		mg/Kg	0.3	1
GTSED-3	05/26/04	Beryllium, total (3050)	SED	0.9	B	mg/Kg	0.2	1
GTSED-3	05/26/04	Cadmium, total (3050)	SED	13.2		mg/Kg	0.5	2
GTSED-3	05/26/04	Calcium, total (3050)	SED	87000		mg/Kg	40	200
GTSED-3	05/26/04	Chromium, total (3050)	SED	184		mg/Kg	1	5
GTSED-3	05/26/04	Copper, total (3050)	SED	31		mg/Kg	1	5
GTSED-3	05/26/04	Iron, total (3050)	SED	12800		mg/Kg	1	5
GTSED-3	05/26/04	Lead, total (3050)	SED	12		mg/Kg	0.05	0.3
GTSED-3	05/26/04	Magnesium, total (3050)	SED	7220		mg/Kg	20	100
GTSED-3	05/26/04	Manganese, total (3050)	SED	788		mg/Kg	0.5	3
GTSED-3	05/26/04	Mercury, total	SED	0.17	B	mg/Kg	0.04	0.2
GTSED-3	05/26/04	Molybdenum, total (3050)	SED	6		mg/Kg	1	5
GTSED-3	05/26/04	Nickel, total (3050)	SED	46		mg/Kg	1	5
GTSED-3	05/26/04	Potassium, total (3050)	SED	4720		mg/Kg	30	100
GTSED-3	05/26/04	Selenium, total (3050)	SED	10.6		mg/Kg	0.5	3
GTSED-3	05/26/04	Silver, total (3050)	SED	1.39		mg/Kg	0.03	0.1
GTSED-3	05/26/04	Sodium, total (3050)	SED	740		mg/Kg	30	100
GTSED-3	05/26/04	Thallium, total (3050)	SED	0.72		mg/Kg	0.03	0.1
GTSED-3	05/26/04	Vanadium, total (3050)	SED	191		mg/Kg	0.5	3
GTSED-3	05/26/04	Zinc, total (3050)	SED	330		mg/Kg	1	5
GTSED-4	05/26/04	Aluminum, total (3050)	SO	19000		mg/Kg	3	20
GTSED-4	05/26/04	Antimony, total (3050)	SO	4.8		mg/Kg	0.1	0.5
GTSED-4	05/26/04	Arsenic, total (3050)	SO	18.2		mg/Kg	0.25	1.5
GTSED-4	05/26/04	Barium, total (3050)	SO	85.1		mg/Kg	0.3	1
GTSED-4	05/26/04	Beryllium, total (3050)	SO	0.9	B	mg/Kg	0.2	1
GTSED-4	05/26/04	Cadmium, total (3050)	SO	44.3		mg/Kg	0.5	2
GTSED-4	05/26/04	Calcium, total (3050)	SO	122000		mg/Kg	40	200
GTSED-4	05/26/04	Chromium, total (3050)	SO	606		mg/Kg	1	5
GTSED-4	05/26/04	Copper, total (3050)	SO	81		mg/Kg	1	5

APPENDIX A
TABLE 6
SEDIMENT
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSED-4	05/26/04	Iron, total (3050)	SO	16000		mg/Kg	1	5
GTSED-4	05/26/04	Lead, total (3050)	SO	13.6		mg/Kg	0.05	0.3
GTSED-4	05/26/04	Magnesium, total (3050)	SO	8400		mg/Kg	20	100
GTSED-4	05/26/04	Manganese, total (3050)	SO	656		mg/Kg	0.5	3
GTSED-4	05/26/04	Mercury, total	SO	0.28		mg/Kg	0.05	0.2
GTSED-4	05/26/04	Molybdenum, total (3050)	SO	25		mg/Kg	1	5
GTSED-4	05/26/04	Nickel, total (3050)	SO	139		mg/Kg	1	5
GTSED-4	05/26/04	Potassium, total (3050)	SO	5930		mg/Kg	30	100
GTSED-4	05/26/04	Selenium, total (3050)	SO	36		mg/Kg	1	5
GTSED-4	05/26/04	Silver, total (3050)	SO	4.45		mg/Kg	0.03	0.1
GTSED-4	05/26/04	Sodium, total (3050)	SO	810		mg/Kg	30	100
GTSED-4	05/26/04	Thallium, total (3050)	SO	1.94		mg/Kg	0.03	0.1
GTSED-4	05/26/04	Vanadium, total (3050)	SO	608		mg/Kg	0.5	3
GTSED-4	05/26/04	Zinc, total (3050)	SO	821		mg/Kg	1	5

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/08/04	Aluminum, dissolved	GW	0.11	B	mg/L	0.03	0.2
GT-1	08/23/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-1	09/28/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-1	11/05/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-1	05/11/05	Aluminum, dissolved	GW	0.03	B	mg/L	0.03	0.2
GT-1	06/21/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-1	07/19/05	Aluminum, dissolved	GW	0.08	B	mg/L	0.03	0.2
GT-1	08/25/05	Aluminum, dissolved	GW	0.14	B	mg/L	0.03	0.2
GT-1	10/11/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-1	07/08/04	Aluminum, total	GW	0.24		mg/L	0.03	0.2
GT-1	08/23/04	Aluminum, total	GW	23.8		mg/L	0.03	0.2
GT-1	09/28/04	Aluminum, total	GW	18.3		mg/L	0.06	0.3
GT-1	11/05/04	Aluminum, total	GW	22.3		mg/L	0.03	0.2
GT-1	05/11/05	Aluminum, total	GW	11.8		mg/L	0.06	0.3
GT-1	06/21/05	Aluminum, total	GW	23.1		mg/L	0.03	0.2
GT-1	07/19/05	Aluminum, total	GW	7.59		mg/L	0.03	0.2
GT-1	08/25/05	Aluminum, total	GW	17		mg/L	0.03	0.2
GT-1	10/11/05	Aluminum, total	GW	12.2		mg/L	0.03	0.2
GT-1	07/08/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	08/23/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	09/28/04	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	11/05/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	05/11/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	06/21/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	07/19/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	08/25/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	10/11/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-1	07/08/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-1	08/23/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-1	09/28/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-1	11/05/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-1	05/11/05	Antimony, total	GW		U	mg/L	0.0008	0.004
GT-1	06/21/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-1	07/19/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-1	08/25/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-1	10/11/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-1	07/08/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	08/23/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	09/28/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	11/05/04	Arsenic, dissolved	GW	0.0019	B	mg/L	0.0005	0.003
GT-1	05/11/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	06/21/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	07/19/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	08/25/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	10/11/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-1	07/08/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-1	08/23/04	Arsenic, total	GW	0.0057		mg/L	0.0005	0.003
GT-1	09/28/04	Arsenic, total	GW	0.0052		mg/L	0.0005	0.003
GT-1	11/05/04	Arsenic, total	GW	0.005		mg/L	0.0005	0.003
GT-1	05/11/05	Arsenic, total	GW	0.002	B	mg/L	0.001	0.005
GT-1	06/21/05	Arsenic, total	GW	0.0062		mg/L	0.0005	0.003
GT-1	07/19/05	Arsenic, total	GW	0.0022	B	mg/L	0.0005	0.003
GT-1	08/25/05	Arsenic, total	GW	0.0032		mg/L	0.0005	0.003
GT-1	10/11/05	Arsenic, total	GW	0.0014	B	mg/L	0.0005	0.003
GT-1	07/08/04	Barium, dissolved	GW	0.066		mg/L	0.003	0.01
GT-1	08/23/04	Barium, dissolved	GW	0.059		mg/L	0.003	0.01
GT-1	09/28/04	Barium, dissolved	GW	0.067		mg/L	0.003	0.01

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	11/05/04	Barium, dissolved	GW	0.064		mg/L	0.003	0.01
GT-1	05/11/05	Barium, dissolved	GW	0.06		mg/L	0.003	0.01
GT-1	06/21/05	Barium, dissolved	GW	0.057		mg/L	0.003	0.01
GT-1	07/19/05	Barium, dissolved	GW	0.062		mg/L	0.003	0.01
GT-1	08/25/05	Barium, dissolved	GW	0.061		mg/L	0.003	0.01
GT-1	10/11/05	Barium, dissolved	GW	0.059		mg/L	0.003	0.01
GT-1	07/08/04	Barium, total	GW	0.062		mg/L	0.003	0.01
GT-1	08/23/04	Barium, total	GW	0.316		mg/L	0.003	0.01
GT-1	09/28/04	Barium, total	GW	0.254		mg/L	0.006	0.02
GT-1	11/05/04	Barium, total	GW	0.248		mg/L	0.003	0.01
GT-1	05/11/05	Barium, total	GW	0.162		mg/L	0.006	0.02
GT-1	06/21/05	Barium, total	GW	0.277		mg/L	0.003	0.01
GT-1	07/19/05	Barium, total	GW	0.125		mg/L	0.003	0.01
GT-1	08/25/05	Barium, total	GW	0.201		mg/L	0.003	0.01
GT-1	10/11/05	Barium, total	GW	0.202		mg/L	0.003	0.01
GT-1	07/08/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	08/23/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	09/28/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	11/05/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	05/11/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	06/21/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	07/19/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	08/25/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	10/11/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-1	07/08/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	08/23/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	09/28/04	Beryllium, total	GW		U	mg/L	0.004	0.02
GT-1	11/05/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	05/11/05	Beryllium, total	GW		U	mg/L	0.004	0.02
GT-1	06/21/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	07/19/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	08/25/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	10/11/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-1	07/08/04	Bicarbonate as CaCO3	GW	222		mg/L	2	10
GT-1	08/23/04	Bicarbonate as CaCO3	GW	210		mg/L	2	10
GT-1	09/28/04	Bicarbonate as CaCO3	GW	200		mg/L	2	10
GT-1	11/05/04	Bicarbonate as CaCO3	GW	202		mg/L	2	10
GT-1	05/11/05	Bicarbonate as CaCO3	GW	215		mg/L	2	10
GT-1	06/21/05	Bicarbonate as CaCO3	GW	199		mg/L	2	10
GT-1	07/19/05	Bicarbonate as CaCO3	GW	203		mg/L	2	10
GT-1	08/25/05	Bicarbonate as CaCO3	GW	207		mg/L	2	20
GT-1	10/11/05	Bicarbonate as CaCO3	GW	202		mg/L	2	20
GT-1	07/08/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	08/23/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	09/28/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	11/05/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	05/11/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	06/21/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	07/19/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	08/25/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	10/11/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-1	07/08/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	08/23/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	09/28/04	Cadmium, total	GW		U	mg/L	0.01	0.03
GT-1	11/05/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	05/11/05	Cadmium, total	GW		U	mg/L	0.01	0.03
GT-1	06/21/05	Cadmium, total	GW		U	mg/L	0.005	0.02

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/19/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	08/25/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	10/11/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-1	07/08/04	Calcium, dissolved	GW	64.4		mg/L	0.2	1
GT-1	08/23/04	Calcium, dissolved	GW	64.7		mg/L	0.2	1
GT-1	09/28/04	Calcium, dissolved	GW	69.8		mg/L	0.2	1
GT-1	11/05/04	Calcium, dissolved	GW	65.3		mg/L	0.2	1
GT-1	05/11/05	Calcium, dissolved	GW	66.2		mg/L	0.2	1
GT-1	06/21/05	Calcium, dissolved	GW	60		mg/L	0.2	1
GT-1	07/19/05	Calcium, dissolved	GW	62.3		mg/L	0.2	1
GT-1	08/25/05	Calcium, dissolved	GW	63.3		mg/L	0.2	1
GT-1	10/11/05	Calcium, dissolved	GW	64		mg/L	0.2	1
GT-1	07/08/04	Calcium, total	GW	63.6		mg/L	0.2	1
GT-1	08/23/04	Calcium, total	GW	137		mg/L	0.2	1
GT-1	09/28/04	Calcium, total	GW	112		mg/L	0.4	2
GT-1	11/05/04	Calcium, total	GW	106		mg/L	0.2	1
GT-1	05/11/05	Calcium, total	GW	83.3		mg/L	0.4	2
GT-1	06/21/05	Calcium, total	GW	122		mg/L	0.2	1
GT-1	07/19/05	Calcium, total	GW	71.3		mg/L	0.2	1
GT-1	08/25/05	Calcium, total	GW	97.9		mg/L	0.2	1
GT-1	10/11/05	Calcium, total	GW	103		mg/L	0.2	1
GT-1	07/08/04	Carbonate as CaCO3	GW		U	mg/L	2	10
GT-1	08/23/04	Carbonate as CaCO3	GW		U	mg/L	2	10
GT-1	09/28/04	Carbonate as CaCO3	GW		U	mg/L	2	10
GT-1	11/05/04	Carbonate as CaCO3	GW		U	mg/L	2	10
GT-1	05/11/05	Carbonate as CaCO3	GW	4	B	mg/L	2	10
GT-1	06/21/05	Carbonate as CaCO3	GW		U	mg/L	2	10
GT-1	07/19/05	Carbonate as CaCO3	GW	3	B	mg/L	2	10
GT-1	08/25/05	Carbonate as CaCO3	GW	3	B	mg/L	2	20
GT-1	10/11/05	Carbonate as CaCO3	GW	6	B	mg/L	2	20
GT-1	07/08/04	Chloride	GW		U	mg/L	1	5
GT-1	08/23/04	Chloride	GW	1	B	mg/L	1	5
GT-1	09/28/04	Chloride	GW	2	B	mg/L	1	5
GT-1	11/05/04	Chloride	GW	1	B	mg/L	1	5
GT-1	05/11/05	Chloride	GW	1	B	mg/L	1	5
GT-1	06/21/05	Chloride	GW	1	B	mg/L	1	5
GT-1	07/19/05	Chloride	GW	2	B	mg/L	1	5
GT-1	08/25/05	Chloride	GW	2	B	mg/L	1	5
GT-1	10/11/05	Chloride	GW	1	B	mg/L	1	5
GT-1	07/08/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Chromium, total	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Chromium, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	09/28/04	Chromium, total	GW	0.02	B	mg/L	0.02	0.1
GT-1	11/05/04	Chromium, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	05/11/05	Chromium, total	GW		U	mg/L	0.02	0.1
GT-1	06/21/05	Chromium, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	07/19/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Chromium, total	GW	0.02	B	mg/L	0.01	0.05
GT-1	10/11/05	Chromium, total	GW	0.02	B	mg/L	0.01	0.05

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/08/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Copper, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-1	08/25/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Copper, total	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Copper, total	GW	0.05	B	mg/L	0.01	0.05
GT-1	09/28/04	Copper, total	GW	0.03	B	mg/L	0.02	0.1
GT-1	11/05/04	Copper, total	GW	0.04	B	mg/L	0.01	0.05
GT-1	05/11/05	Copper, total	GW	0.02	B	mg/L	0.02	0.1
GT-1	06/21/05	Copper, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	07/19/05	Copper, total	GW	0.01	B	mg/L	0.01	0.05
GT-1	08/25/05	Copper, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	10/11/05	Copper, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	07/08/04	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	08/23/04	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	09/28/04	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-1	11/05/04	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	05/11/05	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	06/21/05	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-1	07/19/05	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	08/25/05	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	10/11/05	Fluoride	GW		U	mg/L	0.1	0.5
GT-1	07/08/04	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	08/23/04	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	09/28/04	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	11/05/04	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	05/11/05	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	06/21/05	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	07/19/05	Hydroxide as CaCO3	GW		U	mg/L	2	10
GT-1	08/25/05	Hydroxide as CaCO3	GW		U	mg/L	2	20
GT-1	10/11/05	Hydroxide as CaCO3	GW		U	mg/L	2	20
GT-1	07/08/04	Iron, dissolved	GW	0.09		mg/L	0.01	0.05
GT-1	08/23/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-1	08/25/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-1	10/11/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-1	07/08/04	Iron, total	GW	0.18		mg/L	0.01	0.05
GT-1	08/23/04	Iron, total	GW	29.5		mg/L	0.01	0.05
GT-1	09/28/04	Iron, total	GW	23.1		mg/L	0.02	0.1
GT-1	11/05/04	Iron, total	GW	23.3		mg/L	0.01	0.05
GT-1	05/11/05	Iron, total	GW	12.6		mg/L	0.02	0.1
GT-1	06/21/05	Iron, total	GW	27.9		mg/L	0.01	0.05
GT-1	07/19/05	Iron, total	GW	8.5		mg/L	0.02	0.05
GT-1	08/25/05	Iron, total	GW	20.1		mg/L	0.02	0.05
GT-1	10/11/05	Iron, total	GW	13.8		mg/L	0.02	0.05
GT-1	07/08/04	Lead, dissolved	GW	0.0001	B	mg/L	0.0001	0.0005
GT-1	08/23/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	09/28/04	Lead, dissolved	GW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	11/05/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	05/11/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	06/21/05	Lead, dissolved	GW	0.0003	B	mg/L	0.0001	0.0005
GT-1	07/19/05	Lead, dissolved	GW	0.0001	B	mg/L	0.0001	0.0005
GT-1	08/25/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	10/11/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	07/08/04	Lead, total	GW	0.0001	B	mg/L	0.0001	0.0005
GT-1	08/23/04	Lead, total	GW	0.0178		mg/L	0.0001	0.0005
GT-1	09/28/04	Lead, total	GW	0.0138		mg/L	0.0001	0.0005
GT-1	11/05/04	Lead, total	GW	0.013		mg/L	0.0001	0.0005
GT-1	05/11/05	Lead, total	GW	0.0062		mg/L	0.0002	0.001
GT-1	06/21/05	Lead, total	GW	0.0146		mg/L	0.0001	0.0005
GT-1	07/19/05	Lead, total	GW	0.0047		mg/L	0.0001	0.0005
GT-1	08/25/05	Lead, total	GW	0.0093		mg/L	0.0001	0.0005
GT-1	10/11/05	Lead, total	GW	0.0057		mg/L	0.0001	0.0005
GT-1	07/08/04	Magnesium, dissolved	GW	16.6		mg/L	0.2	1
GT-1	08/23/04	Magnesium, dissolved	GW	16.7		mg/L	0.2	1
GT-1	09/28/04	Magnesium, dissolved	GW	18.2		mg/L	0.2	1
GT-1	11/05/04	Magnesium, dissolved	GW	17		mg/L	0.2	1
GT-1	05/11/05	Magnesium, dissolved	GW	17.2		mg/L	0.2	1
GT-1	06/21/05	Magnesium, dissolved	GW	15		mg/L	0.2	1
GT-1	07/19/05	Magnesium, dissolved	GW	16.7		mg/L	0.2	1
GT-1	08/25/05	Magnesium, dissolved	GW	16.3		mg/L	0.2	1
GT-1	10/11/05	Magnesium, dissolved	GW	15.9		mg/L	0.2	1
GT-1	07/08/04	Magnesium, total	GW	16.4		mg/L	0.2	1
GT-1	08/23/04	Magnesium, total	GW	35.7		mg/L	0.2	1
GT-1	09/28/04	Magnesium, total	GW	31.2		mg/L	0.4	2
GT-1	11/05/04	Magnesium, total	GW	32		mg/L	0.2	1
GT-1	05/11/05	Magnesium, total	GW	25.6		mg/L	0.4	2
GT-1	06/21/05	Magnesium, total	GW	32.6		mg/L	0.2	1
GT-1	07/19/05	Magnesium, total	GW	21.1		mg/L	0.2	1
GT-1	08/25/05	Magnesium, total	GW	28.6		mg/L	0.2	1
GT-1	10/11/05	Magnesium, total	GW	27.3		mg/L	0.2	1
GT-1	07/08/04	Manganese, dissolved	GW	0.013	B	mg/L	0.005	0.03
GT-1	08/23/04	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	09/28/04	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	11/05/04	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	05/11/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	06/21/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	07/19/05	Manganese, dissolved	GW	0.075		mg/L	0.005	0.03
GT-1	08/25/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	10/11/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-1	07/08/04	Manganese, total	GW	0.015	B	mg/L	0.005	0.03
GT-1	08/23/04	Manganese, total	GW	2.4		mg/L	0.005	0.03
GT-1	09/28/04	Manganese, total	GW	1.82		mg/L	0.01	0.05
GT-1	11/05/04	Manganese, total	GW	1.64		mg/L	0.005	0.03
GT-1	05/11/05	Manganese, total	GW	0.75		mg/L	0.01	0.05
GT-1	06/21/05	Manganese, total	GW	1.89		mg/L	0.005	0.03
GT-1	07/19/05	Manganese, total	GW	0.579		mg/L	0.005	0.03
GT-1	08/25/05	Manganese, total	GW	1.37		mg/L	0.005	0.03
GT-1	10/11/05	Manganese, total	GW	1.19		mg/L	0.005	0.03
GT-1	07/08/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	08/23/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	09/28/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	11/05/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	05/11/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	06/21/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/19/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	08/25/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	10/11/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	07/08/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	08/23/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	09/28/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	11/05/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	05/11/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	06/21/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	07/19/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	08/25/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	10/11/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-1	07/08/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Molybdenum, total	GW		U	mg/L	0.02	0.1
GT-1	06/21/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	11/05/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	05/11/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Nickel, total	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Nickel, total	GW	0.04	B	mg/L	0.01	0.05
GT-1	09/28/04	Nickel, total	GW	0.03	B	mg/L	0.02	0.1
GT-1	11/05/04	Nickel, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	05/11/05	Nickel, total	GW		U	mg/L	0.02	0.1
GT-1	06/21/05	Nickel, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	07/19/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-1	08/25/05	Nickel, total	GW	0.02	B	mg/L	0.01	0.05
GT-1	10/11/05	Nickel, total	GW	0.01	B	mg/L	0.01	0.05
GT-1	07/08/04	Nitrate/Nitrite as N	GW	0.02	B	mg/L	0.02	0.1
GT-1	08/23/04	Nitrate/Nitrite as N	GW	0.02	B	mg/L	0.02	0.1
GT-1	09/28/04	Nitrate/Nitrite as N	GW	0.04	B	mg/L	0.02	0.1
GT-1	11/05/04	Nitrate/Nitrite as N	GW		U	mg/L	0.02	0.1
GT-1	05/11/05	Nitrate/Nitrite as N	GW	0.06	B	mg/L	0.02	0.1
GT-1	06/21/05	Nitrate/Nitrite as N	GW		U	mg/L	0.02	0.1
GT-1	07/19/05	Nitrate/Nitrite as N	GW		U	mg/L	0.02	0.1
GT-1	08/25/05	Nitrate/Nitrite as N	GW		U	mg/L	0.02	0.1
GT-1	10/11/05	Nitrate/Nitrite as N	GW		U	mg/L	0.2	1

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/08/04	Phosphorus, ortho dissolved	GW	0.04	BH	mg/L	0.01	0.05
GT-1	08/23/04	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-1	09/28/04	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-1	11/05/04	Phosphorus, ortho dissolved	GW	0.03	BH	mg/L	0.01	0.05
GT-1	05/11/05	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-1	06/21/05	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-1	07/19/05	Phosphorus, ortho dissolved	GW	0.01	BH	mg/L	0.01	0.05
GT-1	08/25/05	Phosphorus, ortho dissolved	GW	0.04	BH	mg/L	0.01	0.05
GT-1	10/11/05	Phosphorus, ortho dissolved	GW	0.03	BH	mg/L	0.01	0.05
GT-1	07/08/04	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-1	08/23/04	Potassium, dissolved	GW	0.5	B	mg/L	0.3	1
GT-1	09/28/04	Potassium, dissolved	GW	0.8	B	mg/L	0.3	1
GT-1	11/05/04	Potassium, dissolved	GW	0.5	B	mg/L	0.3	1
GT-1	05/11/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-1	06/21/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-1	07/19/05	Potassium, dissolved	GW	1		mg/L	0.3	1
GT-1	08/25/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-1	10/11/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-1	07/08/04	Potassium, total	GW	0.8	B	mg/L	0.3	1
GT-1	08/23/04	Potassium, total	GW	5.8		mg/L	0.3	1
GT-1	09/28/04	Potassium, total	GW	5		mg/L	0.6	2
GT-1	11/05/04	Potassium, total	GW	6.8		mg/L	0.3	1
GT-1	05/11/05	Potassium, total	GW	4.2		mg/L	0.6	2
GT-1	06/21/05	Potassium, total	GW	5.7		mg/L	0.3	1
GT-1	07/19/05	Potassium, total	GW	2.7		mg/L	0.3	1
GT-1	08/25/05	Potassium, total	GW	5		mg/L	0.3	1
GT-1	10/11/05	Potassium, total	GW	3.8		mg/L	0.3	1
GT-1	07/08/04	Residue, Filterable (TDS) @180	GW	250		mg/L	10	20
GT-1	08/23/04	Residue, Filterable (TDS) @180	GW	250	H	mg/L	10	20
GT-1	09/28/04	Residue, Filterable (TDS) @180	GW	250		mg/L	10	20
GT-1	11/05/04	Residue, Filterable (TDS) @180	GW	240		mg/L	10	20
GT-1	05/11/05	Residue, Filterable (TDS) @180	GW	230		mg/L	10	20
GT-1	06/21/05	Residue, Filterable (TDS) @180	GW	220		mg/L	10	20
GT-1	07/19/05	Residue, Filterable (TDS) @180	GW	210		mg/L	10	20
GT-1	08/25/05	Residue, Filterable (TDS) @180	GW	230		mg/L	10	20
GT-1	10/11/05	Residue, Filterable (TDS) @180	GW	260		mg/L	10	20
GT-1	07/08/04	Residue, Non-Filterable (TSS)	GW	26		mg/L	5	20
GT-1	08/23/04	Residue, Non-Filterable (TSS)	GW	1480		mg/L	5	20
GT-1	09/28/04	Residue, Non-Filterable (TSS)	GW	530		mg/L	5	20
GT-1	11/05/04	Residue, Non-Filterable (TSS)	GW	876	H	mg/L	5	20
GT-1	05/11/05	Residue, Non-Filterable (TSS)	GW	296		mg/L	5	20
GT-1	06/21/05	Residue, Non-Filterable (TSS)	GW	612		mg/L	5	20
GT-1	07/19/05	Residue, Non-Filterable (TSS)	GW	262		mg/L	5	20
GT-1	08/25/05	Residue, Non-Filterable (TSS)	GW	658		mg/L	5	20
GT-1	10/11/05	Residue, Non-Filterable (TSS)	GW	690		mg/L	5	20
GT-1	07/08/04	Selenium, dissolved	GW	0.062		mg/L	0.002	0.01
GT-1	08/23/04	Selenium, dissolved	GW	0.041		mg/L	0.001	0.005
GT-1	09/28/04	Selenium, dissolved	GW	0.04		mg/L	0.001	0.005
GT-1	11/05/04	Selenium, dissolved	GW	0.03		mg/L	0.001	0.005
GT-1	05/11/05	Selenium, dissolved	GW	0.053		mg/L	0.002	0.01
GT-1	06/21/05	Selenium, dissolved	GW	0.081		mg/L	0.002	0.01
GT-1	07/19/05	Selenium, dissolved	GW	0.052		mg/L	0.002	0.01
GT-1	08/25/05	Selenium, dissolved	GW	0.044		mg/L	0.001	0.005
GT-1	10/11/05	Selenium, dissolved	GW	0.034		mg/L	0.001	0.005
GT-1	07/08/04	Selenium, total	GW	0.063		mg/L	0.002	0.01
GT-1	08/23/04	Selenium, total	GW	0.041		mg/L	0.001	0.005
GT-1	09/28/04	Selenium, total	GW	0.037		mg/L	0.001	0.005

APPENDIX A
TABLE 7
SHALLOW GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	11/05/04	Selenium, total	GW	0.034		mg/L	0.001	0.005
GT-1	05/11/05	Selenium, total	GW	0.065		mg/L	0.002	0.01
GT-1	06/21/05	Selenium, total	GW	0.065		mg/L	0.002	0.01
GT-1	07/19/05	Selenium, total	GW	0.053		mg/L	0.002	0.01
GT-1	08/25/05	Selenium, total	GW	0.034		mg/L	0.001	0.005
GT-1	10/11/05	Selenium, total	GW	0.036		mg/L	0.001	0.005
GT-1	07/08/04	Silver, dissolved	GW	0.00012	B	mg/L	0.00005	0.0003
GT-1	08/23/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	09/28/04	Silver, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	11/05/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	05/11/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	06/21/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	07/19/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	08/25/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	10/11/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	07/08/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-1	08/23/04	Silver, total	GW	0.00018	B	mg/L	0.00005	0.0003
GT-1	09/28/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-1	11/05/04	Silver, total	GW	0.00013	B	mg/L	0.00005	0.0003
GT-1	05/11/05	Silver, total	GW		U	mg/L	0.0001	0.0005
GT-1	06/21/05	Silver, total	GW	0.00014	B	mg/L	0.00005	0.0003
GT-1	07/19/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-1	08/25/05	Silver, total	GW	0.00009	B	mg/L	0.00005	0.0003
GT-1	10/11/05	Silver, total	GW	0.00006	B	mg/L	0.00005	0.0003
GT-1	07/08/04	Sodium, dissolved	GW	2.9		mg/L	0.3	1
GT-1	08/23/04	Sodium, dissolved	GW	3		mg/L	0.3	1
GT-1	09/28/04	Sodium, dissolved	GW	3.4		mg/L	0.3	1
GT-1	11/05/04	Sodium, dissolved	GW	3		mg/L	0.3	1
GT-1	05/11/05	Sodium, dissolved	GW	2.9		mg/L	0.3	1
GT-1	06/21/05	Sodium, dissolved	GW	2.6		mg/L	0.3	1
GT-1	07/19/05	Sodium, dissolved	GW	3.2		mg/L	0.3	1
GT-1	08/25/05	Sodium, dissolved	GW	3		mg/L	0.3	1
GT-1	10/11/05	Sodium, dissolved	GW	3		mg/L	0.3	1
GT-1	07/08/04	Sodium, total	GW	2.9		mg/L	0.3	1
GT-1	08/23/04	Sodium, total	GW	3.6		mg/L	0.3	1
GT-1	09/28/04	Sodium, total	GW	3.6		mg/L	0.3	1
GT-1	11/05/04	Sodium, total	GW	3.9		mg/L	0.3	1
GT-1	05/11/05	Sodium, total	GW	3.2		mg/L	0.6	2
GT-1	06/21/05	Sodium, total	GW	3.1		mg/L	0.3	1
GT-1	07/19/05	Sodium, total	GW	2.9		mg/L	0.3	1
GT-1	08/25/05	Sodium, total	GW	3.3		mg/L	0.3	1
GT-1	10/11/05	Sodium, total	GW	3.4		mg/L	0.3	1
GT-1	07/08/04	Sulfate	GW	21.5		mg/L	0.5	3
GT-1	08/23/04	Sulfate	GW	23		mg/L	0.5	3
GT-1	09/28/04	Sulfate	GW	24.8	H	mg/L	0.5	3
GT-1	11/05/04	Sulfate	GW	24.2		mg/L	0.5	3
GT-1	05/11/05	Sulfate	GW	20		mg/L	0.5	3
GT-1	06/21/05	Sulfate	GW	17.7		mg/L	0.5	3
GT-1	07/19/05	Sulfate	GW	17.3		mg/L	0.5	3
GT-1	08/25/05	Sulfate	GW	0.7	B	mg/L	0.5	3
GT-1	10/11/05	Sulfate	GW	19.1		mg/L	0.5	3
GT-1	07/08/04	TDS (calculated)	GW	240		mg/L	10	50
GT-1	08/23/04	TDS (calculated)	GW	235		mg/L	10	50
GT-1	09/28/04	TDS (calculated)	GW	239		mg/L	10	50
GT-1	11/05/04	TDS (calculated)	GW	232		mg/L	10	50
GT-1	05/11/05	TDS (calculated)	GW	241		mg/L	10	50
GT-1	06/21/05	TDS (calculated)	GW	216		mg/L	10	50

APPENDIX A
TABLE 7
SHALLOW GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/19/05	TDS (calculated)	GW	227		mg/L	10	50
GT-1	08/25/05	TDS (calculated)	GW	213		mg/L	10	50
GT-1	10/11/05	TDS (calculated)	GW	231		mg/L	10	50
GT-1	07/08/04	TDS (ratio - measured/calculat	GW	1.04				
GT-1	08/23/04	TDS (ratio - measured/calculat	GW	1.06				
GT-1	09/28/04	TDS (ratio - measured/calculat	GW	1.05				
GT-1	11/05/04	TDS (ratio - measured/calculat	GW	1.03				
GT-1	05/11/05	TDS (ratio - measured/calculat	GW	0.95				
GT-1	06/21/05	TDS (ratio - measured/calculat	GW	1.02				
GT-1	07/19/05	TDS (ratio - measured/calculat	GW	0.93				
GT-1	08/25/05	TDS (ratio - measured/calculat	GW	1.08				
GT-1	10/11/05	TDS (ratio - measured/calculat	GW	1.13				
GT-1	07/08/04	Thallium, dissolved	GW	0.00019	B	mg/L	0.00005	0.0003
GT-1	08/23/04	Thallium, dissolved	GW		U	mg/L	0.00005	0.0003
GT-1	09/28/04	Thallium, dissolved	GW		U	mg/L	0.0002	0.001
GT-1	11/05/04	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	05/11/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	06/21/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	07/19/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	08/25/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	10/11/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-1	07/08/04	Thallium, total	GW		U	mg/L	0.00005	0.0003
GT-1	08/23/04	Thallium, total	GW	0.00031		mg/L	0.00005	0.0003
GT-1	09/28/04	Thallium, total	GW	0.0004	B	mg/L	0.0001	0.0005
GT-1	11/05/04	Thallium, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-1	05/11/05	Thallium, total	GW	0.0003	B	mg/L	0.0002	0.001
GT-1	06/21/05	Thallium, total	GW	0.0004	B	mg/L	0.0001	0.0005
GT-1	07/19/05	Thallium, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-1	08/25/05	Thallium, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-1	10/11/05	Thallium, total	GW	0.0001	B	mg/L	0.0001	0.0005
GT-1	07/08/04	Total Alkalinity	GW	222		mg/L	2	10
GT-1	08/23/04	Total Alkalinity	GW	210		mg/L	2	10
GT-1	09/28/04	Total Alkalinity	GW	200		mg/L	2	10
GT-1	11/05/04	Total Alkalinity	GW	202		mg/L	2	10
GT-1	05/11/05	Total Alkalinity	GW	219		mg/L	2	10
GT-1	06/21/05	Total Alkalinity	GW	199		mg/L	2	10
GT-1	07/19/05	Total Alkalinity	GW	206		mg/L	2	10
GT-1	08/25/05	Total Alkalinity	GW	210		mg/L	2	20
GT-1	10/11/05	Total Alkalinity	GW	208		mg/L	2	20
GT-1	07/08/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	08/23/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	09/28/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	11/05/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	05/11/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	06/21/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	07/19/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	08/25/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	10/11/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-1	07/08/04	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-1	08/23/04	Vanadium, total	GW	0.037		mg/L	0.005	0.03
GT-1	09/28/04	Vanadium, total	GW	0.03	B	mg/L	0.01	0.05
GT-1	11/05/04	Vanadium, total	GW	0.035		mg/L	0.005	0.03
GT-1	05/11/05	Vanadium, total	GW	0.02	B	mg/L	0.01	0.05
GT-1	06/21/05	Vanadium, total	GW	0.036		mg/L	0.005	0.03
GT-1	07/19/05	Vanadium, total	GW	0.011	B	mg/L	0.005	0.03
GT-1	08/25/05	Vanadium, total	GW	0.024	B	mg/L	0.005	0.03
GT-1	10/11/05	Vanadium, total	GW	0.02	B	mg/L	0.005	0.03

APPENDIX A
TABLE 7
SHALLOW GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-1	07/08/04	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	09/28/04	Zinc, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-1	11/05/04	Zinc, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-1	05/11/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	06/21/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/19/05	Zinc, dissolved	GW	0.03	B	mg/L	0.01	0.05
GT-1	08/25/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	10/11/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-1	07/08/04	Zinc, total	GW		U	mg/L	0.01	0.05
GT-1	08/23/04	Zinc, total	GW	0.13		mg/L	0.01	0.05
GT-1	09/28/04	Zinc, total	GW	0.11		mg/L	0.02	0.1
GT-1	11/05/04	Zinc, total	GW	0.1		mg/L	0.01	0.05
GT-1	05/11/05	Zinc, total	GW	0.05	B	mg/L	0.02	0.1
GT-1	06/21/05	Zinc, total	GW	0.12		mg/L	0.01	0.05
GT-1	07/19/05	Zinc, total	GW	0.04	B	mg/L	0.01	0.05
GT-1	08/25/05	Zinc, total	GW	0.09		mg/L	0.01	0.05
GT-1	10/11/05	Zinc, total	GW	0.06		mg/L	0.01	0.05

APPENDIX A
TABLE 8
DEPP GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/09/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	08/23/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	09/28/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	11/04/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	05/11/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	06/21/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	07/19/05	Aluminum, dissolved	GW	0.04	B	mg/L	0.03	0.2
GT-7	08/25/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-7	10/11/05	Aluminum, dissolved	GW	0.03	B	mg/L	0.03	0.2
GT-7	07/09/04	Aluminum, total	GW	0.04	B	mg/L	0.03	0.2
GT-7	08/23/04	Aluminum, total	GW	0.08	B	mg/L	0.03	0.2
GT-7	09/28/04	Aluminum, total	GW	0.74		mg/L	0.03	0.2
GT-7	11/04/04	Aluminum, total	GW	0.71		mg/L	0.03	0.2
GT-7	05/11/05	Aluminum, total	GW		U	mg/L	0.03	0.2
GT-7	06/21/05	Aluminum, total	GW	0.19	B	mg/L	0.03	0.2
GT-7	07/19/05	Aluminum, total	GW	0.2		mg/L	0.03	0.2
GT-7	08/25/05	Aluminum, total	GW	0.22		mg/L	0.03	0.2
GT-7	10/11/05	Aluminum, total	GW	0.21		mg/L	0.03	0.2
GT-7	07/09/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	08/23/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	09/28/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	11/04/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	05/11/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-7	06/21/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-7	07/19/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-7	08/25/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-7	10/11/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-7	07/09/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-7	08/23/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-7	09/28/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-7	11/04/04	Antimony, total	GW		U	mg/L	0.0002	0.001
GT-7	05/11/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-7	06/21/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-7	07/19/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-7	08/25/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-7	10/11/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-7	07/09/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	08/23/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	09/28/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	11/04/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	05/11/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	06/21/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	07/19/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	08/25/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	10/11/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-7	07/09/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	08/23/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	09/28/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	11/04/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	05/11/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	06/21/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	07/19/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	08/25/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	10/11/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-7	07/09/04	Barium, dissolved	GW	0.073		mg/L	0.003	0.01
GT-7	08/23/04	Barium, dissolved	GW	0.072		mg/L	0.003	0.01
GT-7	09/28/04	Barium, dissolved	GW	0.075		mg/L	0.003	0.01

APPENDIX A
TABLE 8
DEPP GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	11/04/04	Barium, dissolved	GW	0.072		mg/L	0.003	0.01
GT-7	05/11/05	Barium, dissolved	GW	0.07		mg/L	0.003	0.01
GT-7	06/21/05	Barium, dissolved	GW	0.071		mg/L	0.003	0.01
GT-7	07/19/05	Barium, dissolved	GW	0.072		mg/L	0.003	0.01
GT-7	08/25/05	Barium, dissolved	GW	0.07		mg/L	0.003	0.01
GT-7	10/11/05	Barium, dissolved	GW	0.065		mg/L	0.003	0.01
GT-7	07/09/04	Barium, total	GW	0.07		mg/L	0.003	0.01
GT-7	08/23/04	Barium, total	GW	0.08		mg/L	0.003	0.01
GT-7	09/28/04	Barium, total	GW	0.073		mg/L	0.003	0.01
GT-7	11/04/04	Barium, total	GW	0.076		mg/L	0.003	0.01
GT-7	05/11/05	Barium, total	GW	0.073		mg/L	0.003	0.01
GT-7	06/21/05	Barium, total	GW	0.071		mg/L	0.003	0.01
GT-7	07/19/05	Barium, total	GW	0.075		mg/L	0.003	0.01
GT-7	08/25/05	Barium, total	GW	0.072		mg/L	0.003	0.01
GT-7	10/11/05	Barium, total	GW	0.077		mg/L	0.003	0.01
GT-7	07/09/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	08/23/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	09/28/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	11/04/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	05/11/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	06/21/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	07/19/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	08/25/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	10/11/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-7	07/09/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	08/23/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	09/28/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	11/04/04	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	05/11/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	06/21/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	07/19/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	08/25/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	10/11/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-7	07/09/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	08/23/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	09/28/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	11/04/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	05/11/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	06/21/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	07/19/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	08/25/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	10/11/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-7	07/09/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	08/23/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	09/28/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	11/04/04	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	05/11/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	06/21/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	07/19/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	08/25/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	10/11/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-7	07/09/04	Calcium, dissolved	GW	85		mg/L	0.2	1
GT-7	08/23/04	Calcium, dissolved	GW	84.6		mg/L	0.2	1
GT-7	09/28/04	Calcium, dissolved	GW	85.2		mg/L	0.2	1
GT-7	11/04/04	Calcium, dissolved	GW	83.4		mg/L	0.2	1
GT-7	05/11/05	Calcium, dissolved	GW	87.1		mg/L	0.2	1
GT-7	06/21/05	Calcium, dissolved	GW	83.9		mg/L	0.2	1

APPENDIX A
TABLE 8
DEPP GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/19/05	Calcium, dissolved	GW	86.2		mg/L	0.2	1
GT-7	08/25/05	Calcium, dissolved	GW	83.2		mg/L	0.2	1
GT-7	10/11/05	Calcium, dissolved	GW	82.9		mg/L	0.2	1
GT-7	07/09/04	Calcium, total	GW	86.2		mg/L	0.2	1
GT-7	08/23/04	Calcium, total	GW	86.1		mg/L	0.2	1
GT-7	09/28/04	Calcium, total	GW	85.4		mg/L	0.2	1
GT-7	11/04/04	Calcium, total	GW	83.9		mg/L	0.2	1
GT-7	05/11/05	Calcium, total	GW	92.8		mg/L	0.2	1
GT-7	06/21/05	Calcium, total	GW	86.3		mg/L	0.2	1
GT-7	07/19/05	Calcium, total	GW	84.9		mg/L	0.2	1
GT-7	08/25/05	Calcium, total	GW	89.8		mg/L	0.2	1
GT-7	10/11/05	Calcium, total	GW	92.9		mg/L	0.2	1
GT-7	07/09/04	Chloride	GW	10		mg/L	1	5
GT-7	08/23/04	Chloride	GW	2	B	mg/L	1	5
GT-7	09/28/04	Chloride	GW	2	B	mg/L	1	5
GT-7	11/04/04	Chloride	GW	2	B	mg/L	1	5
GT-7	05/11/05	Chloride	GW	2	B	mg/L	1	5
GT-7	06/21/05	Chloride	GW	2	B	mg/L	1	5
GT-7	07/19/05	Chloride	GW	2	B	mg/L	1	5
GT-7	08/25/05	Chloride	GW	2	B	mg/L	1	5
GT-7	10/11/05	Chloride	GW	1	B	mg/L	1	5
GT-7	07/09/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Copper, total	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Copper, total	GW		U	mg/L	0.01	0.05

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TABLE 8
DEPP GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/09/04	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	08/23/04	Fluoride	GW		U	mg/L	0.1	0.5
GT-7	09/28/04	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	11/04/04	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	05/11/05	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	06/21/05	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	07/19/05	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	08/25/05	Fluoride	GW	0.1	B	mg/L	0.1	0.5
GT-7	10/11/05	Fluoride	GW		U	mg/L	0.1	0.5
GT-7	07/09/04	Iron, dissolved	GW	0.02	B	mg/L	0.01	0.05
GT-7	08/23/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Iron, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-7	06/21/05	Iron, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-7	08/25/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-7	10/11/05	Iron, dissolved	GW		U	mg/L	0.02	0.05
GT-7	07/09/04	Iron, total	GW	0.02	B	mg/L	0.01	0.05
GT-7	08/23/04	Iron, total	GW	0.28		mg/L	0.01	0.05
GT-7	09/28/04	Iron, total	GW	0.2		mg/L	0.01	0.05
GT-7	11/04/04	Iron, total	GW	0.19		mg/L	0.01	0.05
GT-7	05/11/05	Iron, total	GW	0.08		mg/L	0.01	0.05
GT-7	06/21/05	Iron, total	GW	0.08		mg/L	0.01	0.05
GT-7	07/19/05	Iron, total	GW	0.06		mg/L	0.02	0.05
GT-7	08/25/05	Iron, total	GW	0.08		mg/L	0.02	0.05
GT-7	10/11/05	Iron, total	GW	0.08		mg/L	0.02	0.05
GT-7	07/09/04	Lead, dissolved	GW	0.0001	B	mg/L	0.0001	0.0005
GT-7	08/23/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	09/28/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	11/04/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	05/11/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	06/21/05	Lead, dissolved	GW	0.0003	B	mg/L	0.0001	0.0005
GT-7	07/19/05	Lead, dissolved	GW	0.0001	B	mg/L	0.0001	0.0005
GT-7	08/25/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	10/11/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	07/09/04	Lead, total	GW	0.0003	B	mg/L	0.0001	0.0005
GT-7	08/23/04	Lead, total	GW	0.0006		mg/L	0.0001	0.0005
GT-7	09/28/04	Lead, total	GW	0.0003	B	mg/L	0.0001	0.0005
GT-7	11/04/04	Lead, total	GW	0.0005	B	mg/L	0.0005	0.003
GT-7	05/11/05	Lead, total	GW		U	mg/L	0.0001	0.0005
GT-7	06/21/05	Lead, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-7	07/19/05	Lead, total	GW	0.0003	B	mg/L	0.0001	0.0005
GT-7	08/25/05	Lead, total	GW	0.0001	B	mg/L	0.0001	0.0005
GT-7	10/11/05	Lead, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-7	07/09/04	Magnesium, dissolved	GW	22.1		mg/L	0.2	1
GT-7	08/23/04	Magnesium, dissolved	GW	22		mg/L	0.2	1
GT-7	09/28/04	Magnesium, dissolved	GW	22.4		mg/L	0.2	1
GT-7	11/04/04	Magnesium, dissolved	GW	21.8		mg/L	0.2	1
GT-7	05/11/05	Magnesium, dissolved	GW	22.3		mg/L	0.2	1
GT-7	06/21/05	Magnesium, dissolved	GW	21.4		mg/L	0.2	1
GT-7	07/19/05	Magnesium, dissolved	GW	23		mg/L	0.2	1
GT-7	08/25/05	Magnesium, dissolved	GW	22		mg/L	0.2	1
GT-7	10/11/05	Magnesium, dissolved	GW	20.9		mg/L	0.2	1
GT-7	07/09/04	Magnesium, total	GW	22.5		mg/L	0.2	1
GT-7	08/23/04	Magnesium, total	GW	22.5		mg/L	0.2	1
GT-7	09/28/04	Magnesium, total	GW	22.3		mg/L	0.2	1

APPENDIX A
TABLE 8
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	11/04/04	Magnesium, total	GW	22		mg/L	0.2	1
GT-7	05/11/05	Magnesium, total	GW	23.9		mg/L	0.2	1
GT-7	06/21/05	Magnesium, total	GW	22.2		mg/L	0.2	1
GT-7	07/19/05	Magnesium, total	GW	22.4		mg/L	0.2	1
GT-7	08/25/05	Magnesium, total	GW	23.3		mg/L	0.2	1
GT-7	10/11/05	Magnesium, total	GW	23.3		mg/L	0.2	1
GT-7	07/09/04	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-7	08/23/04	Manganese, dissolved	GW	0.019	B	mg/L	0.005	0.03
GT-7	09/28/04	Manganese, dissolved	GW	0.027	B	mg/L	0.005	0.03
GT-7	11/04/04	Manganese, dissolved	GW	0.024	B	mg/L	0.005	0.03
GT-7	05/11/05	Manganese, dissolved	GW	0.01	B	mg/L	0.005	0.03
GT-7	06/21/05	Manganese, dissolved	GW	0.006	B	mg/L	0.005	0.03
GT-7	07/19/05	Manganese, dissolved	GW	0.01	B	mg/L	0.005	0.03
GT-7	08/25/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-7	10/11/05	Manganese, dissolved	GW		U	mg/L	0.005	0.03
GT-7	07/09/04	Manganese, total	GW		U	mg/L	0.005	0.03
GT-7	08/23/04	Manganese, total	GW	0.025	B	mg/L	0.005	0.03
GT-7	09/28/04	Manganese, total	GW	0.028	B	mg/L	0.005	0.03
GT-7	11/04/04	Manganese, total	GW	0.025	B	mg/L	0.005	0.03
GT-7	05/11/05	Manganese, total	GW	0.011	B	mg/L	0.005	0.03
GT-7	06/21/05	Manganese, total	GW	0.006	B	mg/L	0.005	0.03
GT-7	07/19/05	Manganese, total	GW		U	mg/L	0.005	0.03
GT-7	08/25/05	Manganese, total	GW	0.007	B	mg/L	0.005	0.03
GT-7	10/11/05	Manganese, total	GW	0.007	B	mg/L	0.005	0.03
GT-7	07/09/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	08/23/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	09/28/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	11/04/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	05/11/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	06/21/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	07/19/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	08/25/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	10/11/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-7	07/09/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	08/23/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	09/28/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	11/04/04	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	05/11/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	06/21/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	07/19/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	08/25/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	10/11/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-7	07/09/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Molybdenum, total	GW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 8
DEPP GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/19/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	08/23/04	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Nitrate/Nitrite as N	GW	0.29		mg/L	0.02	0.1
GT-7	08/23/04	Nitrate/Nitrite as N	GW	0.22		mg/L	0.02	0.1
GT-7	09/28/04	Nitrate/Nitrite as N	GW	0.24		mg/L	0.02	0.1
GT-7	11/04/04	Nitrate/Nitrite as N	GW	0.25		mg/L	0.02	0.1
GT-7	05/11/05	Nitrate/Nitrite as N	GW	0.21		mg/L	0.02	0.1
GT-7	06/21/05	Nitrate/Nitrite as N	GW	0.27		mg/L	0.02	0.1
GT-7	07/19/05	Nitrate/Nitrite as N	GW	0.28		mg/L	0.02	0.1
GT-7	08/25/05	Nitrate/Nitrite as N	GW	0.27		mg/L	0.02	0.1
GT-7	10/11/05	Nitrate/Nitrite as N	GW	0.36		mg/L	0.02	0.1
GT-7	07/09/04	Phosphorus, ortho dissolved	GW	0.05	H	mg/L	0.01	0.05
GT-7	08/23/04	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-7	09/28/04	Phosphorus, ortho dissolved	GW	0.03	BH	mg/L	0.01	0.05
GT-7	11/04/04	Phosphorus, ortho dissolved	GW	0.03	BH	mg/L	0.01	0.05
GT-7	05/11/05	Phosphorus, ortho dissolved	GW	0.04	BH	mg/L	0.01	0.05
GT-7	06/21/05	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-7	07/19/05	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-7	08/25/05	Phosphorus, ortho dissolved	GW	0.08	H	mg/L	0.01	0.05
GT-7	10/11/05	Phosphorus, ortho dissolved	GW	0.03	BH	mg/L	0.01	0.05
GT-7	07/09/04	Potassium, dissolved	GW	0.9	B	mg/L	0.3	1
GT-7	08/23/04	Potassium, dissolved	GW	0.8	B	mg/L	0.3	1
GT-7	09/28/04	Potassium, dissolved	GW	0.8	B	mg/L	0.3	1
GT-7	11/04/04	Potassium, dissolved	GW	0.6	B	mg/L	0.3	1
GT-7	05/11/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-7	06/21/05	Potassium, dissolved	GW	0.9	B	mg/L	0.3	1
GT-7	07/19/05	Potassium, dissolved	GW	0.8	B	mg/L	0.3	1
GT-7	08/25/05	Potassium, dissolved	GW	0.7	B	mg/L	0.3	1
GT-7	10/11/05	Potassium, dissolved	GW	0.8	B	mg/L	0.3	1
GT-7	07/09/04	Potassium, total	GW	1	B	mg/L	0.3	1
GT-7	08/23/04	Potassium, total	GW	1		mg/L	0.3	1
GT-7	09/28/04	Potassium, total	GW	0.7	B	mg/L	0.3	1
GT-7	11/04/04	Potassium, total	GW	0.8	B	mg/L	0.3	1
GT-7	05/11/05	Potassium, total	GW	0.7	B	mg/L	0.3	1
GT-7	06/21/05	Potassium, total	GW	0.9	B	mg/L	0.3	1
GT-7	07/19/05	Potassium, total	GW	0.7	B	mg/L	0.3	1
GT-7	08/25/05	Potassium, total	GW	0.9	B	mg/L	0.3	1
GT-7	10/11/05	Potassium, total	GW	0.9	B	mg/L	0.3	1

APPENDIX A
TABLE 8
DEPP GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/09/04	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	08/23/04	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	09/28/04	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	11/04/04	Selenium, dissolved	GW	0.001	B	mg/L	0.001	0.005
GT-7	05/11/05	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	06/21/05	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	07/19/05	Selenium, dissolved	GW	0.003	B	mg/L	0.001	0.005
GT-7	08/25/05	Selenium, dissolved	GW	0.002	B	mg/L	0.001	0.005
GT-7	10/11/05	Selenium, dissolved	GW		U	mg/L	0.001	0.005
GT-7	07/09/04	Selenium, total	GW	0.001	B	mg/L	0.001	0.005
GT-7	08/23/04	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	09/28/04	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	11/04/04	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	05/11/05	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	06/21/05	Selenium, total	GW	0.003	B	mg/L	0.001	0.005
GT-7	07/19/05	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	08/25/05	Selenium, total	GW	0.002	B	mg/L	0.001	0.005
GT-7	10/11/05	Selenium, total	GW	0.001	B	mg/L	0.001	0.005
GT-7	07/09/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	08/23/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	09/28/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	11/04/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	05/11/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	06/21/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	07/19/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	08/25/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	10/11/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	07/09/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	08/23/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	09/28/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	11/04/04	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	05/11/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	06/21/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	07/19/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	08/25/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	10/11/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-7	07/09/04	Sodium, dissolved	GW	15.1		mg/L	0.3	1
GT-7	08/23/04	Sodium, dissolved	GW	6		mg/L	0.3	1
GT-7	09/28/04	Sodium, dissolved	GW	4.7		mg/L	0.3	1
GT-7	11/04/04	Sodium, dissolved	GW	4.9		mg/L	0.3	1
GT-7	05/11/05	Sodium, dissolved	GW	4.6		mg/L	0.3	1
GT-7	06/21/05	Sodium, dissolved	GW	4.2		mg/L	0.3	1
GT-7	07/19/05	Sodium, dissolved	GW	4.3		mg/L	0.3	1
GT-7	08/25/05	Sodium, dissolved	GW	4.2		mg/L	0.3	1
GT-7	10/11/05	Sodium, dissolved	GW	4.5		mg/L	0.3	1
GT-7	07/09/04	Sodium, total	GW	15.3		mg/L	0.3	1
GT-7	08/23/04	Sodium, total	GW	6		mg/L	0.3	1
GT-7	09/28/04	Sodium, total	GW	4.8		mg/L	0.3	1
GT-7	11/04/04	Sodium, total	GW	5		mg/L	0.3	1
GT-7	05/11/05	Sodium, total	GW	4.7		mg/L	0.3	1
GT-7	06/21/05	Sodium, total	GW	4.2		mg/L	0.3	1
GT-7	07/19/05	Sodium, total	GW	4.3		mg/L	0.3	1
GT-7	08/25/05	Sodium, total	GW	4.5		mg/L	0.3	1
GT-7	10/11/05	Sodium, total	GW	4.3		mg/L	0.3	1
GT-7	07/09/04	Sulfate	GW	26.1		mg/L	0.5	3
GT-7	08/23/04	Sulfate	GW	19.2		mg/L	0.5	3
GT-7	09/28/04	Sulfate	GW	18.1	H	mg/L	0.5	3

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TABLE 8
DEPP GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	11/04/04	Sulfate	GW	17.9		mg/L	0.5	3
GT-7	05/11/05	Sulfate	GW	18		mg/L	0.5	3
GT-7	06/21/05	Sulfate	GW	17.2		mg/L	0.5	3
GT-7	07/19/05	Sulfate	GW	17.4		mg/L	0.5	3
GT-7	08/25/05	Sulfate	GW	28.1		mg/L	0.5	3
GT-7	10/11/05	Sulfate	GW	15.4		mg/L	0.5	3
GT-7	07/09/04	Thallium, dissolved	GW	0.00054		mg/L	0.00005	0.0003
GT-7	08/23/04	Thallium, dissolved	GW		U	mg/L	0.00005	0.0003
GT-7	09/28/04	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	11/04/04	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	05/11/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	06/21/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	07/19/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	08/25/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	10/11/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-7	07/09/04	Thallium, total	GW	0.00006	B	mg/L	0.00005	0.0003
GT-7	08/23/04	Thallium, total	GW		U	mg/L	0.00005	0.0003
GT-7	09/28/04	Thallium, total	GW		U	mg/L	0.0001	0.0005
GT-7	11/04/04	Thallium, total	GW		U	mg/L	0.0005	0.003
GT-7	05/11/05	Thallium, total	GW		U	mg/L	0.0001	0.0005
GT-7	06/21/05	Thallium, total	GW		U	mg/L	0.0001	0.0005
GT-7	07/19/05	Thallium, total	GW		U	mg/L	0.0001	0.0005
GT-7	08/25/05	Thallium, total	GW	0.0001	B	mg/L	0.0001	0.0005
GT-7	10/11/05	Thallium, total	GW	0.0002	B	mg/L	0.0001	0.0005
GT-7	07/09/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	08/23/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	09/28/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	11/04/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	05/11/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	06/21/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	07/19/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	08/25/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	10/11/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-7	07/09/04	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	08/23/04	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	09/28/04	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	11/04/04	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	05/11/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	06/21/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	07/19/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	08/25/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	10/11/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-7	07/09/04	Zinc, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-7	08/23/04	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Zinc, dissolved	GW	0.02	B	mg/L	0.01	0.05
GT-7	11/04/04	Zinc, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-7	05/11/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/19/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	10/11/05	Zinc, dissolved	GW		U	mg/L	0.01	0.05
GT-7	07/09/04	Zinc, total	GW	0.02	B	mg/L	0.01	0.05
GT-7	08/23/04	Zinc, total	GW		U	mg/L	0.01	0.05
GT-7	09/28/04	Zinc, total	GW		U	mg/L	0.01	0.05
GT-7	11/04/04	Zinc, total	GW		U	mg/L	0.01	0.05
GT-7	05/11/05	Zinc, total	GW		U	mg/L	0.01	0.05
GT-7	06/21/05	Zinc, total	GW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 8
DEPP GW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GT-7	07/19/05	Zinc, total	GW		U	mg/L	0.01	0.05
GT-7	08/25/05	Zinc, total	GW	0.01	B	mg/L	0.01	0.05
GT-7	10/11/05	Zinc, total	GW	0.04	B	mg/L	0.01	0.05
GT-DEEP	05/11/05	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
GT-DEEP	05/11/05	Aluminum, total	GW	0.06	B	mg/L	0.03	0.2
GT-DEEP	05/11/05	Antimony, dissolved	GW		U	mg/L	0.0004	0.002
GT-DEEP	05/11/05	Antimony, total	GW		U	mg/L	0.0004	0.002
GT-DEEP	05/11/05	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
GT-DEEP	05/11/05	Arsenic, total	GW		U	mg/L	0.0005	0.003
GT-DEEP	05/11/05	Barium, dissolved	GW	0.052		mg/L	0.003	0.01
GT-DEEP	05/11/05	Barium, total	GW	0.058		mg/L	0.003	0.01
GT-DEEP	05/11/05	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
GT-DEEP	05/11/05	Beryllium, total	GW		U	mg/L	0.002	0.01
GT-DEEP	05/11/05	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
GT-DEEP	05/11/05	Cadmium, total	GW		U	mg/L	0.005	0.02
GT-DEEP	05/11/05	Calcium, dissolved	GW	82.2		mg/L	0.2	1
GT-DEEP	05/11/05	Calcium, total	GW	87.2		mg/L	0.2	1
GT-DEEP	05/11/05	Chloride	GW	1	B	mg/L	1	5
GT-DEEP	05/11/05	Chromium, dissolved	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Chromium, total	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Copper, dissolved	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Copper, total	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Fluoride	GW	0.2	B	mg/L	0.1	0.5
GT-DEEP	05/11/05	Iron, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-DEEP	05/11/05	Iron, total	GW	0.19		mg/L	0.01	0.05
GT-DEEP	05/11/05	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
GT-DEEP	05/11/05	Lead, total	GW	0.0001	B	mg/L	0.0001	0.0005
GT-DEEP	05/11/05	Magnesium, dissolved	GW	18.3		mg/L	0.2	1
GT-DEEP	05/11/05	Magnesium, total	GW	19.7		mg/L	0.2	1
GT-DEEP	05/11/05	Manganese, dissolved	GW	0.007	B	mg/L	0.005	0.03
GT-DEEP	05/11/05	Manganese, total	GW	0.011	B	mg/L	0.005	0.03
GT-DEEP	05/11/05	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
GT-DEEP	05/11/05	Mercury, total	GW		U	mg/L	0.0002	0.001
GT-DEEP	05/11/05	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Molybdenum, total	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Nickel, dissolved	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Nickel, total	GW		U	mg/L	0.01	0.05
GT-DEEP	05/11/05	Nitrate/Nitrite as N	GW	0.57		mg/L	0.02	0.1
GT-DEEP	05/11/05	Phosphorus, ortho dissolved	GW	0.02	BH	mg/L	0.01	0.05
GT-DEEP	05/11/05	Potassium, dissolved	GW	0.9	B	mg/L	0.3	1
GT-DEEP	05/11/05	Potassium, total	GW	0.9	B	mg/L	0.3	1
GT-DEEP	05/11/05	Selenium, dissolved	GW	0.006		mg/L	0.001	0.005
GT-DEEP	05/11/05	Selenium, total	GW	0.006		mg/L	0.001	0.005
GT-DEEP	05/11/05	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
GT-DEEP	05/11/05	Silver, total	GW		U	mg/L	0.00005	0.0003
GT-DEEP	05/11/05	Sodium, dissolved	GW	7.6		mg/L	0.3	1
GT-DEEP	05/11/05	Sodium, total	GW	7.7		mg/L	0.3	1
GT-DEEP	05/11/05	Sulfate	GW	26.2		mg/L	0.5	3
GT-DEEP	05/11/05	Thallium, dissolved	GW		U	mg/L	0.0001	0.0005
GT-DEEP	05/11/05	Thallium, total	GW	0.0004	B	mg/L	0.0001	0.0005
GT-DEEP	05/11/05	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
GT-DEEP	05/11/05	Vanadium, total	GW		U	mg/L	0.005	0.03
GT-DEEP	05/11/05	Zinc, dissolved	GW	0.01	B	mg/L	0.01	0.05
GT-DEEP	05/11/05	Zinc, total	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Aluminum, dissolved	GW		U	mg/L	0.03	0.2
NORTH WELL	07/09/04	Aluminum, total	GW		U	mg/L	0.03	0.2
NORTH WELL	07/09/04	Antimony, dissolved	GW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 8
DEPP GW
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CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
NORTH WELL	07/09/04	Antimony, total	GW		U	mg/L	0.0002	0.001
NORTH WELL	07/09/04	Arsenic, dissolved	GW		U	mg/L	0.0005	0.003
NORTH WELL	07/09/04	Arsenic, total	GW		U	mg/L	0.0005	0.003
NORTH WELL	07/09/04	Barium, dissolved	GW	0.051		mg/L	0.003	0.01
NORTH WELL	07/09/04	Barium, total	GW	0.051		mg/L	0.003	0.01
NORTH WELL	07/09/04	Beryllium, dissolved	GW		U	mg/L	0.002	0.01
NORTH WELL	07/09/04	Beryllium, total	GW		U	mg/L	0.002	0.01
NORTH WELL	07/09/04	Cadmium, dissolved	GW		U	mg/L	0.005	0.02
NORTH WELL	07/09/04	Cadmium, total	GW		U	mg/L	0.005	0.02
NORTH WELL	07/09/04	Calcium, dissolved	GW	60.2		mg/L	0.2	1
NORTH WELL	07/09/04	Calcium, total	GW	61.7		mg/L	0.2	1
NORTH WELL	07/09/04	Chloride	GW		U	mg/L	1	5
NORTH WELL	07/09/04	Chromium, dissolved	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Chromium, total	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Copper, dissolved	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Copper, total	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Fluoride	GW	0.2	B	mg/L	0.1	0.5
NORTH WELL	07/09/04	Iron, dissolved	GW	0.02	B	mg/L	0.01	0.05
NORTH WELL	07/09/04	Iron, total	GW	2.43		mg/L	0.01	0.05
NORTH WELL	07/09/04	Lead, dissolved	GW		U	mg/L	0.0001	0.0005
NORTH WELL	07/09/04	Lead, total	GW	0.0002	B	mg/L	0.0001	0.0005
NORTH WELL	07/09/04	Magnesium, dissolved	GW	19.4		mg/L	0.2	1
NORTH WELL	07/09/04	Magnesium, total	GW	19.9		mg/L	0.2	1
NORTH WELL	07/09/04	Manganese, dissolved	GW		U	mg/L	0.005	0.03
NORTH WELL	07/09/04	Manganese, total	GW	0.057		mg/L	0.005	0.03
NORTH WELL	07/09/04	Mercury, dissolved	GW		U	mg/L	0.0002	0.001
NORTH WELL	07/09/04	Mercury, total	GW		U	mg/L	0.0002	0.001
NORTH WELL	07/09/04	Molybdenum, dissolved	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Molybdenum, total	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Nickel, dissolved	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Nickel, total	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Nitrate/Nitrite as N	GW	0.09	B	mg/L	0.02	0.1
NORTH WELL	07/09/04	Phosphorus, ortho dissolved	GW	0.01	BH	mg/L	0.01	0.05
NORTH WELL	07/09/04	Potassium, dissolved	GW	1.7		mg/L	0.3	1
NORTH WELL	07/09/04	Potassium, total	GW	1.6		mg/L	0.3	1
NORTH WELL	07/09/04	Selenium, dissolved	GW		U	mg/L	0.001	0.005
NORTH WELL	07/09/04	Selenium, total	GW		U	mg/L	0.001	0.005
NORTH WELL	07/09/04	Silver, dissolved	GW		U	mg/L	0.00005	0.0003
NORTH WELL	07/09/04	Silver, total	GW		U	mg/L	0.00005	0.0003
NORTH WELL	07/09/04	Sodium, dissolved	GW	24.8		mg/L	0.3	1
NORTH WELL	07/09/04	Sodium, total	GW	25		mg/L	0.3	1
NORTH WELL	07/09/04	Sulfate	GW	32.8		mg/L	0.5	3
NORTH WELL	07/09/04	Thallium, dissolved	GW	0.00033		mg/L	0.00005	0.0003
NORTH WELL	07/09/04	Thallium, total	GW		U	mg/L	0.00005	0.0003
NORTH WELL	07/09/04	Vanadium, dissolved	GW		U	mg/L	0.005	0.03
NORTH WELL	07/09/04	Vanadium, total	GW		U	mg/L	0.005	0.03
NORTH WELL	07/09/04	Zinc, dissolved	GW		U	mg/L	0.01	0.05
NORTH WELL	07/09/04	Zinc, total	GW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	09/29/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	11/04/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	04/27/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	06/01/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	07/21/05	Aluminum, dissolved	SW	0.11	B	mg/L	0.03	0.2
GTSW-1	08/25/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	10/11/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-1	06/23/03	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-1	04/27/04	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-1	05/26/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-1	06/29/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-1	07/27/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-1	08/24/04	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-1	09/29/04	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-1	11/04/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-1	04/27/05	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-1	06/01/05	Aluminum, total	SW	0.17	B	mg/L	0.03	0.2
GTSW-1	06/28/05	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-1	07/21/05	Aluminum, total	SW		U	mg/L	0.06	0.3
GTSW-1	08/25/05	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-1	10/11/05	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-1	09/29/04	Antimony, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	11/04/04	Antimony, dissolved	SW		U	mg/L	0.001	0.005
GTSW-1	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	08/25/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	10/11/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-1	06/23/03	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	04/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	05/26/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	06/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	07/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	08/24/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	09/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	11/04/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-1	04/27/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	06/01/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	08/25/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	10/11/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-1	09/29/04	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	11/04/04	Arsenic, dissolved	SW		U	mg/L	0.003	0.01
GTSW-1	04/27/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	06/01/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	06/28/05	Arsenic, dissolved	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-1	07/21/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	08/25/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	10/11/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	06/23/03	Arsenic, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-1	04/27/04	Arsenic, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-1	05/26/04	Arsenic, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-1	06/29/04	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-1	07/27/04	Arsenic, total	SW		U	mg/L	0.0005	0.003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	08/24/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	09/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	11/04/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	04/27/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	06/01/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	06/28/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	07/21/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	08/25/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	10/11/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-1	09/29/04	Barium, dissolved	SW	0.047		mg/L	0.003	0.01
GTSW-1	11/04/04	Barium, dissolved	SW	0.048		mg/L	0.003	0.01
GTSW-1	04/27/05	Barium, dissolved	SW	0.041		mg/L	0.003	0.01
GTSW-1	06/01/05	Barium, dissolved	SW	0.038		mg/L	0.003	0.01
GTSW-1	06/28/05	Barium, dissolved	SW	0.043		mg/L	0.003	0.01
GTSW-1	07/21/05	Barium, dissolved	SW	0.045		mg/L	0.003	0.01
GTSW-1	08/25/05	Barium, dissolved	SW	0.043		mg/L	0.003	0.01
GTSW-1	10/11/05	Barium, dissolved	SW	0.046		mg/L	0.003	0.01
GTSW-1	06/23/03	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-1	04/27/04	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-1	05/26/04	Barium, total	SW	0.041		mg/L	0.003	0.01
GTSW-1	06/29/04	Barium, total	SW	0.045		mg/L	0.003	0.01
GTSW-1	07/27/04	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-1	08/24/04	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-1	09/29/04	Barium, total	SW	0.049		mg/L	0.003	0.01
GTSW-1	11/04/04	Barium, total	SW	0.048		mg/L	0.003	0.01
GTSW-1	04/27/05	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-1	06/01/05	Barium, total	SW	0.042		mg/L	0.003	0.01
GTSW-1	06/28/05	Barium, total	SW	0.044		mg/L	0.003	0.01
GTSW-1	07/21/05	Barium, total	SW	0.045		mg/L	0.006	0.02
GTSW-1	08/25/05	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-1	10/11/05	Barium, total	SW	0.048		mg/L	0.006	0.02
GTSW-1	09/29/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	11/04/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	08/25/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	10/11/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-1	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	04/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	07/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	08/24/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	09/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	11/04/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	07/21/05	Beryllium, total	SW		U	mg/L	0.004	0.02
GTSW-1	08/25/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-1	10/11/05	Beryllium, total	SW		U	mg/L	0.004	0.02
GTSW-1	04/27/04	Bicarbonate as CaCO3	SW	188		mg/L	2	10
GTSW-1	05/26/04	Bicarbonate as CaCO3	SW	183		mg/L	2	10
GTSW-1	06/29/04	Bicarbonate as CaCO3	SW	187		mg/L	2	10
GTSW-1	07/27/04	Bicarbonate as CaCO3	SW	213		mg/L	2	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	08/24/04	Bicarbonate as CaCO3	SW	191		mg/L	2	10
GTSW-1	09/29/04	Bicarbonate as CaCO3	SW	184		mg/L	2	10
GTSW-1	11/04/04	Bicarbonate as CaCO3	SW	188		mg/L	2	10
GTSW-1	04/27/05	Bicarbonate as CaCO3	SW	173	H	mg/L	2	10
GTSW-1	06/01/05	Bicarbonate as CaCO3	SW	170		mg/L	2	10
GTSW-1	06/28/05	Bicarbonate as CaCO3	SW	181		mg/L	2	10
GTSW-1	07/21/05	Bicarbonate as CaCO3	SW	187		mg/L	2	10
GTSW-1	08/25/05	Bicarbonate as CaCO3	SW	173		mg/L	2	20
GTSW-1	10/11/05	Bicarbonate as CaCO3	SW	191		mg/L	2	20
GTSW-1	09/29/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	11/04/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	08/25/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	10/11/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-1	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	04/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	07/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	08/24/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	09/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	11/04/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	04/27/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	06/01/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	07/21/05	Cadmium, total	SW		U	mg/L	0.01	0.03
GTSW-1	08/25/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	10/11/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-1	04/27/04	Calcium, dissolved	SW	56.5		mg/L	0.2	1
GTSW-1	06/29/04	Calcium, dissolved	SW	60.8		mg/L	0.2	1
GTSW-1	07/27/04	Calcium, dissolved	SW	61.9		mg/L	0.2	1
GTSW-1	08/24/04	Calcium, dissolved	SW	62.3		mg/L	0.2	1
GTSW-1	09/29/04	Calcium, dissolved	SW	62.3		mg/L	0.2	1
GTSW-1	11/04/04	Calcium, dissolved	SW	64.3		mg/L	0.2	1
GTSW-1	04/27/05	Calcium, dissolved	SW	58.7		mg/L	0.2	1
GTSW-1	06/01/05	Calcium, dissolved	SW	56.9		mg/L	0.2	1
GTSW-1	06/28/05	Calcium, dissolved	SW	61.9		mg/L	0.2	1
GTSW-1	07/21/05	Calcium, dissolved	SW	61.9		mg/L	0.2	1
GTSW-1	08/25/05	Calcium, dissolved	SW	60		mg/L	0.2	1
GTSW-1	10/11/05	Calcium, dissolved	SW	69.1		mg/L	0.2	1
GTSW-1	06/23/03	Calcium, total	SW	63.3		mg/L	0.2	1
GTSW-1	09/29/04	Calcium, total	SW	63.2		mg/L	0.2	1
GTSW-1	11/04/04	Calcium, total	SW	64.7		mg/L	0.2	1
GTSW-1	04/27/05	Calcium, total	SW	61.5		mg/L	0.2	1
GTSW-1	06/01/05	Calcium, total	SW	60.3		mg/L	0.2	1
GTSW-1	06/28/05	Calcium, total	SW	60.8		mg/L	0.2	1
GTSW-1	07/21/05	Calcium, total	SW	59.1		mg/L	0.4	2
GTSW-1	08/25/05	Calcium, total	SW	64.1		mg/L	0.2	1
GTSW-1	10/11/05	Calcium, total	SW	65.2		mg/L	0.4	2
GTSW-1	04/27/04	Chloride	SW	2	B	mg/L	1	5
GTSW-1	05/26/04	Chloride	SW	1	B	mg/L	1	5
GTSW-1	06/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-1	07/27/04	Chloride	SW	1	B	mg/L	1	5
GTSW-1	08/24/04	Chloride	SW	1	B	mg/L	1	5

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	09/29/04	Chloride	SW	2	B	mg/L	1	5
GTSW-1	11/04/04	Chloride	SW	1	B	mg/L	1	5
GTSW-1	04/27/05	Chloride	SW	1	B	mg/L	1	5
GTSW-1	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-1	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-1	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-1	08/25/05	Chloride	SW	2	B	mg/L	1	5
GTSW-1	10/11/05	Chloride	SW	1	B	mg/L	1	5
GTSW-1	09/29/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/24/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	09/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Chromium, total	SW		U	mg/L	0.02	0.1
GTSW-1	08/25/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Chromium, total	SW		U	mg/L	0.02	0.1
GTSW-1	09/29/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/23/03	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/24/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	09/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Copper, total	SW		U	mg/L	0.02	0.1
GTSW-1	08/25/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-1	05/26/04	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-1	06/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-1	07/27/04	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-1	08/24/04	Fluoride	SW		U	mg/L	0.1	0.5

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	09/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-1	11/04/04	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-1	04/27/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-1	06/01/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-1	06/28/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-1	07/21/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-1	08/25/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-1	10/11/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-1	04/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	07/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	08/24/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	09/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	11/04/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-1	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-1	08/25/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-1	10/11/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-1	09/29/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Iron, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-1	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-1	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-1	08/25/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-1	10/11/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-1	06/23/03	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-1	04/27/04	Iron, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-1	05/26/04	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-1	06/29/04	Iron, total	SW	0.16		mg/L	0.01	0.05
GTSW-1	07/27/04	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-1	08/24/04	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-1	09/29/04	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-1	11/04/04	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-1	04/27/05	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-1	06/01/05	Iron, total	SW	0.22		mg/L	0.01	0.05
GTSW-1	06/28/05	Iron, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-1	07/21/05	Iron, total	SW	0.06	B	mg/L	0.04	0.1
GTSW-1	08/25/05	Iron, total	SW	0.04	B	mg/L	0.02	0.05
GTSW-1	10/11/05	Iron, total	SW		U	mg/L	0.04	0.1
GTSW-1	09/29/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	11/04/04	Lead, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-1	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	07/21/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-1	08/25/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	10/11/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	04/27/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	05/26/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	07/27/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-1	08/24/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	09/29/04	Lead, total	SW		U	mg/L	0.0002	0.001
GTSW-1	11/04/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	04/27/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/01/05	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-1	06/28/05	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-1	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	08/25/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	10/11/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	04/27/04	Magnesium, dissolved	SW	12.3		mg/L	0.2	1
GTSW-1	06/29/04	Magnesium, dissolved	SW	12.6		mg/L	0.2	1
GTSW-1	07/27/04	Magnesium, dissolved	SW	13.4		mg/L	0.2	1
GTSW-1	08/24/04	Magnesium, dissolved	SW	14		mg/L	0.2	1
GTSW-1	09/29/04	Magnesium, dissolved	SW	14.2		mg/L	0.2	1
GTSW-1	11/04/04	Magnesium, dissolved	SW	14.9		mg/L	0.2	1
GTSW-1	04/27/05	Magnesium, dissolved	SW	11.9		mg/L	0.2	1
GTSW-1	06/01/05	Magnesium, dissolved	SW	10.8		mg/L	0.2	1
GTSW-1	06/28/05	Magnesium, dissolved	SW	12.5		mg/L	0.2	1
GTSW-1	07/21/05	Magnesium, dissolved	SW	12.8		mg/L	0.2	1
GTSW-1	08/25/05	Magnesium, dissolved	SW	12.8		mg/L	0.2	1
GTSW-1	10/11/05	Magnesium, dissolved	SW	15.4		mg/L	0.2	1
GTSW-1	06/23/03	Magnesium, total	SW	12.5		mg/L	0.2	1
GTSW-1	09/29/04	Magnesium, total	SW	14.6		mg/L	0.2	1
GTSW-1	11/04/04	Magnesium, total	SW	14.9		mg/L	0.2	1
GTSW-1	04/27/05	Magnesium, total	SW	12.5		mg/L	0.2	1
GTSW-1	06/01/05	Magnesium, total	SW	11.4		mg/L	0.2	1
GTSW-1	06/28/05	Magnesium, total	SW	12.3		mg/L	0.2	1
GTSW-1	07/21/05	Magnesium, total	SW	12.1		mg/L	0.4	2
GTSW-1	08/25/05	Magnesium, total	SW	13.8		mg/L	0.2	1
GTSW-1	10/11/05	Magnesium, total	SW	14.7		mg/L	0.2	1
GTSW-1	09/29/04	Manganese, dissolved	SW	0.018	B	mg/L	0.005	0.03
GTSW-1	11/04/04	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-1	04/27/05	Manganese, dissolved	SW	0.008	B	mg/L	0.005	0.03
GTSW-1	06/01/05	Manganese, dissolved	SW	0.016	B	mg/L	0.005	0.03
GTSW-1	06/28/05	Manganese, dissolved	SW	0.009	B	mg/L	0.005	0.03
GTSW-1	07/21/05	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-1	08/25/05	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-1	10/11/05	Manganese, dissolved	SW	0.014	B	mg/L	0.005	0.03
GTSW-1	06/23/03	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-1	04/27/04	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-1	05/26/04	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-1	06/29/04	Manganese, total	SW	0.014	B	mg/L	0.005	0.03
GTSW-1	07/27/04	Manganese, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-1	08/24/04	Manganese, total	SW	0.022	B	mg/L	0.005	0.03
GTSW-1	09/29/04	Manganese, total	SW	0.022	B	mg/L	0.005	0.03
GTSW-1	11/04/04	Manganese, total	SW	0.023	B	mg/L	0.005	0.03
GTSW-1	04/27/05	Manganese, total	SW	0.014	B	mg/L	0.005	0.03
GTSW-1	06/01/05	Manganese, total	SW	0.036		mg/L	0.005	0.03
GTSW-1	06/28/05	Manganese, total	SW	0.012	B	mg/L	0.005	0.03
GTSW-1	07/21/05	Manganese, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-1	08/25/05	Manganese, total	SW	0.027	B	mg/L	0.005	0.03
GTSW-1	10/11/05	Manganese, total	SW	0.021	B	mg/L	0.005	0.03
GTSW-1	09/29/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	11/04/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	06/01/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	08/25/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	10/11/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-1	04/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	07/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	08/24/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	09/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	11/04/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	08/25/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	10/11/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-1	09/29/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/23/03	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/24/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	09/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-1	08/25/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-1	09/29/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	05/26/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/24/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	09/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Nickel, total	SW		U	mg/L	0.02	0.1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	08/25/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	05/26/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	07/27/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	08/24/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	09/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	11/04/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	04/27/05	Nitrate/Nitrite as N	SW	0.02	B	mg/L	0.02	0.1
GTSW-1	06/01/05	Nitrate/Nitrite as N	SW	0.03	B	mg/L	0.02	0.1
GTSW-1	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	07/21/05	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-1	08/25/05	Nitrate/Nitrite as N	SW	0.26		mg/L	0.02	0.1
GTSW-1	10/11/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-1	04/27/04	Phosphorus, ortho dissolved	SW	0.04	BH	mg/L	0.01	0.05
GTSW-1	05/26/04	Phosphorus, ortho dissolved	SW	0.02	BH	mg/L	0.01	0.05
GTSW-1	06/29/04	Phosphorus, ortho dissolved	SW	0.01	BH	mg/L	0.01	0.05
GTSW-1	07/27/04	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-1	08/24/04	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-1	09/29/04	Phosphorus, ortho dissolved	SW	0.05	BH	mg/L	0.01	0.05
GTSW-1	11/04/04	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-1	04/27/05	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-1	06/01/05	Phosphorus, ortho dissolved	SW	0.04	BH	mg/L	0.01	0.05
GTSW-1	06/28/05	Phosphorus, ortho dissolved	SW		UH	mg/L	0.01	0.05
GTSW-1	07/21/05	Phosphorus, ortho dissolved	SW	0.15		mg/L	0.01	0.05
GTSW-1	08/25/05	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-1	10/11/05	Phosphorus, ortho dissolved	SW	0.02	BH	mg/L	0.01	0.05
GTSW-1	04/27/04	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-1	06/29/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	07/27/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	08/24/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-1	09/29/04	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-1	11/04/04	Potassium, dissolved	SW	0.4	B	mg/L	0.3	1
GTSW-1	04/27/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	06/01/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	06/28/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	07/21/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	08/25/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-1	10/11/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-1	06/23/03	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-1	09/29/04	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-1	11/04/04	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-1	04/27/05	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-1	06/01/05	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-1	06/28/05	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-1	07/21/05	Potassium, total	SW		U	mg/L	0.6	2
GTSW-1	08/25/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-1	10/11/05	Potassium, total	SW		U	mg/L	0.6	2
GTSW-1	09/29/04	Selenium, dissolved	SW	0.004	B	mg/L	0.001	0.005
GTSW-1	11/04/04	Selenium, dissolved	SW	0.003	B	mg/L	0.001	0.005
GTSW-1	04/27/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-1	06/01/05	Selenium, dissolved	SW	0.014		mg/L	0.001	0.005
GTSW-1	06/28/05	Selenium, dissolved	SW	0.008		mg/L	0.001	0.005
GTSW-1	07/21/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-1	08/25/05	Selenium, dissolved	SW	0.003	B	mg/L	0.001	0.005
GTSW-1	10/11/05	Selenium, dissolved	SW	0.002	B	mg/L	0.001	0.005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	06/23/03	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-1	04/27/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-1	05/26/04	Selenium, total	SW	0.009		mg/L	0.001	0.005
GTSW-1	06/29/04	Selenium, total	SW	0.005	B	mg/L	0.001	0.005
GTSW-1	07/27/04	Selenium, total	SW	0.005	B	mg/L	0.001	0.005
GTSW-1	08/24/04	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-1	09/29/04	Selenium, total	SW	0.003	B	mg/L	0.001	0.005
GTSW-1	11/04/04	Selenium, total	SW	0.003	B	mg/L	0.001	0.005
GTSW-1	04/27/05	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-1	06/01/05	Selenium, total	SW	0.013		mg/L	0.001	0.005
GTSW-1	06/28/05	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-1	07/21/05	Selenium, total	SW	0.005		mg/L	0.001	0.005
GTSW-1	08/25/05	Selenium, total	SW	0.005	B	mg/L	0.001	0.005
GTSW-1	10/11/05	Selenium, total	SW	0.002	B	mg/L	0.001	0.005
GTSW-1	09/29/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	11/04/04	Silver, dissolved	SW		U	mg/L	0.0003	0.001
GTSW-1	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	08/25/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	10/11/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/23/03	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	04/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	05/26/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	07/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	08/24/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	09/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	11/04/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	04/27/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/01/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	08/25/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	10/11/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	04/27/04	Sodium, dissolved	SW	3		mg/L	0.3	1
GTSW-1	06/29/04	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-1	07/27/04	Sodium, dissolved	SW	3		mg/L	0.3	1
GTSW-1	08/24/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-1	09/29/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-1	11/04/04	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-1	04/27/05	Sodium, dissolved	SW	2.6		mg/L	0.3	1
GTSW-1	06/01/05	Sodium, dissolved	SW	2.3		mg/L	0.3	1
GTSW-1	06/28/05	Sodium, dissolved	SW	2.6		mg/L	0.3	1
GTSW-1	07/21/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-1	08/25/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-1	10/11/05	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-1	06/23/03	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-1	09/29/04	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-1	11/04/04	Sodium, total	SW	3.2		mg/L	0.3	1
GTSW-1	04/27/05	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-1	06/01/05	Sodium, total	SW	2.5		mg/L	0.3	1
GTSW-1	06/28/05	Sodium, total	SW	2.6		mg/L	0.3	1
GTSW-1	07/21/05	Sodium, total	SW	2.6		mg/L	0.6	2
GTSW-1	08/25/05	Sodium, total	SW	3		mg/L	0.3	1
GTSW-1	10/11/05	Sodium, total	SW	3		mg/L	0.6	2

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	04/27/04	Sulfate	SW	17.6		mg/L	0.5	3
GTSW-1	05/26/04	Sulfate	SW	14.5		mg/L	0.5	3
GTSW-1	06/29/04	Sulfate	SW	16.5		mg/L	0.5	3
GTSW-1	07/27/04	Sulfate	SW	18.5		mg/L	0.5	3
GTSW-1	08/24/04	Sulfate	SW	15	B	mg/L	5	30
GTSW-1	09/29/04	Sulfate	SW	25.7		mg/L	0.5	3
GTSW-1	11/04/04	Sulfate	SW	26.1		mg/L	0.5	3
GTSW-1	04/27/05	Sulfate	SW	14.2		mg/L	0.5	3
GTSW-1	06/01/05	Sulfate	SW	9.2		mg/L	0.5	3
GTSW-1	06/28/05	Sulfate	SW	11.1		mg/L	0.5	3
GTSW-1	07/21/05	Sulfate	SW	14.1		mg/L	0.5	3
GTSW-1	08/25/05	Sulfate	SW	15.6	H	mg/L	0.5	3
GTSW-1	10/11/05	Sulfate	SW	19.4		mg/L	0.5	3
GTSW-1	09/29/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	11/04/04	Thallium, dissolved	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-1	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/28/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-1	07/21/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	08/25/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	10/11/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/23/03	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	04/27/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	05/26/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	06/29/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	07/27/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	08/24/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-1	09/29/04	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-1	11/04/04	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	04/27/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/01/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	07/21/05	Thallium, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-1	08/25/05	Thallium, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-1	10/11/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-1	09/29/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	11/04/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	04/27/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	06/01/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	07/21/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	08/25/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	10/11/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-1	06/23/03	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	04/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	05/26/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	06/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	07/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	08/24/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	09/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	11/04/04	Vanadium, total	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	06/01/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	06/28/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	07/21/05	Vanadium, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-1	10/11/05	Vanadium, total	SW		U	mg/L	0.005	0.03

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-1	09/29/04	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	08/25/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-1	06/23/03	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-1	04/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	05/26/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	08/24/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	09/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	11/04/04	Zinc, total	SW		U	mg/L	0.02	0.1
GTSW-1	04/27/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/01/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	07/21/05	Zinc, total	SW		U	mg/L	0.02	0.1
GTSW-1	08/25/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-1	10/11/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-10	06/28/05	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-10	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-10	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-10	06/28/05	Arsenic, dissolved	SW	0.0012	B	mg/L	0.0005	0.003
GTSW-10	06/28/05	Arsenic, total	SW	0.0011	B	mg/L	0.0005	0.003
GTSW-10	06/28/05	Barium, dissolved	SW	0.044		mg/L	0.003	0.01
GTSW-10	06/28/05	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-10	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-10	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-10	06/28/05	Bicarbonate as CaCO3	SW	213		mg/L	2	10
GTSW-10	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-10	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-10	06/28/05	Calcium, dissolved	SW	66.4		mg/L	0.2	1
GTSW-10	06/28/05	Calcium, total	SW	69.9		mg/L	0.2	1
GTSW-10	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-10	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Fluoride	SW	1.8		mg/L	0.1	0.5
GTSW-10	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-10	06/28/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-10	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-10	06/28/05	Lead, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-10	06/28/05	Magnesium, dissolved	SW	19.6		mg/L	0.2	1
GTSW-10	06/28/05	Magnesium, total	SW	20.8		mg/L	0.2	1
GTSW-10	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-10	06/28/05	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-10	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-10	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-10	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-10	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-10	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-10	06/28/05	Phosphorus, ortho dissolved	SW	0.86	H	mg/L	0.01	0.05
GTSW-10	06/28/05	Potassium, dissolved	SW	1.2		mg/L	0.3	1
GTSW-10	06/28/05	Potassium, total	SW	1.3		mg/L	0.3	1
GTSW-10	06/28/05	Selenium, dissolved	SW		U	mg/L	0.001	0.005
GTSW-10	06/28/05	Selenium, total	SW		U	mg/L	0.001	0.005
GTSW-10	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-10	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-10	06/28/05	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-10	06/28/05	Sodium, total	SW	3.4		mg/L	0.3	1
GTSW-10	06/28/05	Sulfate	SW	12.6		mg/L	0.5	3
GTSW-10	06/28/05	Thallium, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-10	06/28/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-10	06/28/05	Vanadium, dissolved	SW	0.005	B	mg/L	0.005	0.03
GTSW-10	06/28/05	Vanadium, total	SW	0.006	B	mg/L	0.005	0.03
GTSW-10	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-10	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-11	06/28/05	Aluminum, total	SW	0.09	B	mg/L	0.06	0.3
GTSW-11	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-11	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-11	06/28/05	Arsenic, dissolved	SW	0.0019	B	mg/L	0.0005	0.003
GTSW-11	06/28/05	Arsenic, total	SW	0.0017	B	mg/L	0.0005	0.003
GTSW-11	06/28/05	Barium, dissolved	SW	0.031		mg/L	0.003	0.01
GTSW-11	06/28/05	Barium, total	SW	0.031		mg/L	0.003	0.01
GTSW-11	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-11	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-11	06/28/05	Bicarbonate as CaCO3	SW	224		mg/L	2	10
GTSW-11	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-11	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-11	06/28/05	Calcium, dissolved	SW	81		mg/L	0.2	1
GTSW-11	06/28/05	Calcium, total	SW	79.1		mg/L	0.2	1
GTSW-11	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-11	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Fluoride	SW	1.9		mg/L	0.1	0.5
GTSW-11	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-11	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-11	06/28/05	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-11	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-11	06/28/05	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-11	06/28/05	Magnesium, dissolved	SW	23		mg/L	0.2	1
GTSW-11	06/28/05	Magnesium, total	SW	22.5		mg/L	0.2	1
GTSW-11	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-11	06/28/05	Manganese, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-11	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-11	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-11	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-11	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-11	06/28/05	Phosphorus, ortho dissolved	SW	1.55	H	mg/L	0.03	0.2
GTSW-11	06/28/05	Potassium, dissolved	SW	2.3		mg/L	0.3	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-11	06/28/05	Potassium, total	SW	2.3		mg/L	0.3	1
GTSW-11	06/28/05	Selenium, dissolved	SW		U	mg/L	0.001	0.005
GTSW-11	06/28/05	Selenium, total	SW		U	mg/L	0.001	0.005
GTSW-11	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-11	06/28/05	Silver, total	SW	0.00007	B	mg/L	0.00005	0.0003
GTSW-11	06/28/05	Sodium, dissolved	SW	3.6		mg/L	0.3	1
GTSW-11	06/28/05	Sodium, total	SW	3.5		mg/L	0.3	1
GTSW-11	06/28/05	Sulfate	SW	12.8		mg/L	0.5	3
GTSW-11	06/28/05	Thallium, dissolved	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-11	06/28/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-11	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-11	06/28/05	Vanadium, total	SW	0.006	B	mg/L	0.005	0.03
GTSW-11	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-11	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	1,1,1,2-Tetrachloroethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,1,1,2-Tetrachloroethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,1,1,2-Tetrachloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,1,1,2-Tetrachloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,1,1-Trichloroethane	SW		U	ug/L	10	30
GTSW-2	05/26/04	1,1,1-Trichloroethane	SW		U	ug/L	10	30
GTSW-2	11/04/04	1,1,1-Trichloroethane	SW		U	ug/L	10	30
GTSW-2	04/27/05	1,1,1-Trichloroethane	SW		U	ug/L	10	30
GTSW-2	04/27/04	1,1,2,2-Tetrachloroethane	SW		U	ug/L	3	10
GTSW-2	05/26/04	1,1,2,2-Tetrachloroethane	SW		U	ug/L	3	10
GTSW-2	11/04/04	1,1,2,2-Tetrachloroethane	SW		U	ug/L	3	10
GTSW-2	04/27/05	1,1,2,2-Tetrachloroethane	SW		U	ug/L	3	10
GTSW-2	04/27/04	1,1,2-Trichloroethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,1,2-Trichloroethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,1,2-Trichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,1,2-Trichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,1-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,1-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,1-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,1-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,1-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,1-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,1-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,1-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,1-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,1-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,1-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,1-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2,3-Trichlorobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2,3-Trichlorobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2,3-Trichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2,3-Trichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2,3-Trichloropropane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2,3-Trichloropropane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2,3-Trichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2,3-Trichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2,4-Trichlorobenzene	SW		U	ug/L	3	10
GTSW-2	04/27/04	1,2,4-Trichlorobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	1,2,4-Trichlorobenzene	SW		U	ug/L	3	10
GTSW-2	05/26/04	1,2,4-Trichlorobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	1,2,4-Trichlorobenzene	SW		U	ug/L	3	10
GTSW-2	11/04/04	1,2,4-Trichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	1,2,4-Trichlorobenzene	SW		U	ug/L	3	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/05	1,2,4-Trichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	1,2,4-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2,4-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2,4-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2,4-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2-Dibromo-3-chloropropane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2-Dibromo-3-chloropropane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2-Dibromo-3-chloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2-Dibromo-3-chloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2-Dibromoethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2-Dibromoethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2-Dibromoethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2-Dibromoethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	1,2-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	1,2-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	1,2-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	1,2-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2-Dichloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,3,5-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,3,5-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,3,5-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,3,5-Trimethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,3-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,3-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	1,3-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,3-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	1,3-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,3-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	1,3-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,3-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	1,3-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,3-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,3-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,3-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,4-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	1,4-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	1,4-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	1,4-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	1,4-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	1,4-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	1,4-Dichlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	1,4-Dichlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	2,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	05/26/04	2,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	11/04/04	2,2-Dichloropropane	SW		U	ug/L	4	10
GTSW-2	04/27/05	2,2-Dichloropropane	SW		U	ug/L	4	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/04	2,4,5-Trichlorophenol	SW		U	ug/L	9	50
GTSW-2	05/26/04	2,4,5-Trichlorophenol	SW		U	ug/L	9	50
GTSW-2	11/04/04	2,4,5-Trichlorophenol	SW		U	ug/L	9	50
GTSW-2	04/27/05	2,4,5-Trichlorophenol	SW		U	ug/L	9	50
GTSW-2	04/27/04	2,4,6-Trichlorophenol	SW		U	ug/L	2	9
GTSW-2	05/26/04	2,4,6-Trichlorophenol	SW		U	ug/L	2	9
GTSW-2	11/04/04	2,4,6-Trichlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/05	2,4,6-Trichlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/04	2,4-Dichlorophenol	SW		U	ug/L	2	9
GTSW-2	05/26/04	2,4-Dichlorophenol	SW		U	ug/L	2	9
GTSW-2	11/04/04	2,4-Dichlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/05	2,4-Dichlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/04	2,4-Dimethylphenol	SW		U	ug/L	4	20
GTSW-2	05/26/04	2,4-Dimethylphenol	SW		U	ug/L	4	20
GTSW-2	11/04/04	2,4-Dimethylphenol	SW		U	ug/L	4	20
GTSW-2	04/27/05	2,4-Dimethylphenol	SW		U	ug/L	4	20
GTSW-2	04/27/04	2,4-Dinitrophenol	SW		U	ug/L	9	50
GTSW-2	05/26/04	2,4-Dinitrophenol	SW		U	ug/L	9	50
GTSW-2	11/04/04	2,4-Dinitrophenol	SW		U	ug/L	9	50
GTSW-2	04/27/05	2,4-Dinitrophenol	SW		U	ug/L	9	50
GTSW-2	04/27/04	2,4-Dinitrotoluene	SW		U	ug/L	2	9
GTSW-2	05/26/04	2,4-Dinitrotoluene	SW		U	ug/L	2	9
GTSW-2	11/04/04	2,4-Dinitrotoluene	SW		U	ug/L	2	9
GTSW-2	04/27/05	2,4-Dinitrotoluene	SW		U	ug/L	2	9
GTSW-2	04/27/04	2,6-Dinitrotoluene	SW		U	ug/L	9	50
GTSW-2	05/26/04	2,6-Dinitrotoluene	SW		U	ug/L	9	50
GTSW-2	11/04/04	2,6-Dinitrotoluene	SW		U	ug/L	9	50
GTSW-2	04/27/05	2,6-Dinitrotoluene	SW		U	ug/L	9	50
GTSW-2	04/27/04	2-Butanone	SW		U	ug/L	10	30
GTSW-2	05/26/04	2-Butanone	SW		U	ug/L	10	30
GTSW-2	11/04/04	2-Butanone	SW		U	ug/L	10	30
GTSW-2	04/27/05	2-Butanone	SW		U	ug/L	10	30
GTSW-2	04/27/04	2-Chloroethyl vinyl ether	SW		U	ug/L	50	100
GTSW-2	05/26/04	2-Chloroethyl vinyl ether	SW		U	ug/L	50	100
GTSW-2	11/04/04	2-Chloroethyl vinyl ether	SW		U	ug/L	5	30
GTSW-2	04/27/05	2-Chloroethyl vinyl ether	SW		U	ug/L	5	30
GTSW-2	04/27/04	2-Chloronaphthalene	SW		U	ug/L	2	9
GTSW-2	05/26/04	2-Chloronaphthalene	SW		U	ug/L	2	9
GTSW-2	11/04/04	2-Chloronaphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/05	2-Chloronaphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/04	2-Chlorophenol	SW		U	ug/L	2	9
GTSW-2	05/26/04	2-Chlorophenol	SW		U	ug/L	2	9
GTSW-2	11/04/04	2-Chlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/05	2-Chlorophenol	SW		U	ug/L	2	9
GTSW-2	04/27/04	2-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	05/26/04	2-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	11/04/04	2-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	04/27/05	2-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	04/27/04	2-Hexanone	SW		U	ug/L	10	30
GTSW-2	05/26/04	2-Hexanone	SW		U	ug/L	10	30
GTSW-2	11/04/04	2-Hexanone	SW		U	ug/L	10	30
GTSW-2	04/27/05	2-Hexanone	SW		U	ug/L	10	30
GTSW-2	04/27/04	2-Methylnaphthalene	SW		U	ug/L	2	9
GTSW-2	05/26/04	2-Methylnaphthalene	SW		U	ug/L	2	9
GTSW-2	11/04/04	2-Methylnaphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/05	2-Methylnaphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/04	2-Methylphenol	SW		U	ug/L	2	9

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	05/26/04	2-Methylphenol	SW		U	ug/L	2	9
GTSW-2	11/04/04	2-Methylphenol	SW		U	ug/L	2	9
GTSW-2	04/27/05	2-Methylphenol	SW		U	ug/L	2	9
GTSW-2	04/27/04	2-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	05/26/04	2-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	11/04/04	2-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/05	2-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/04	2-Nitrophenol	SW		U	ug/L	4	20
GTSW-2	05/26/04	2-Nitrophenol	SW		U	ug/L	4	20
GTSW-2	11/04/04	2-Nitrophenol	SW		U	ug/L	4	20
GTSW-2	04/27/05	2-Nitrophenol	SW		U	ug/L	4	20
GTSW-2	04/27/04	3- & 4-Methylphenol	SW		U	ug/L	4	20
GTSW-2	05/26/04	3- & 4-Methylphenol	SW		U	ug/L	4	20
GTSW-2	11/04/04	3- & 4-Methylphenol	SW		U	ug/L	4	20
GTSW-2	04/27/05	3- & 4-Methylphenol	SW		U	ug/L	4	20
GTSW-2	04/27/04	3,3-Dichlorobenzidine	SW		U	ug/L	4	20
GTSW-2	05/26/04	3,3-Dichlorobenzidine	SW		U	ug/L	4	20
GTSW-2	11/04/04	3,3-Dichlorobenzidine	SW		U	ug/L	4	20
GTSW-2	04/27/05	3,3-Dichlorobenzidine	SW		U	ug/L	4	20
GTSW-2	04/27/04	3-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	05/26/04	3-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	11/04/04	3-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/05	3-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/04	4,6-Dinitro-2-methylphenol	SW		U	ug/L	9	50
GTSW-2	05/26/04	4,6-Dinitro-2-methylphenol	SW		U	ug/L	9	50
GTSW-2	11/04/04	4,6-Dinitro-2-methylphenol	SW		U	ug/L	9	50
GTSW-2	04/27/05	4,6-Dinitro-2-methylphenol	SW		U	ug/L	9	50
GTSW-2	04/27/04	4-Bromophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	05/26/04	4-Bromophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	11/04/04	4-Bromophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	04/27/05	4-Bromophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	04/27/04	4-Chloro-3-methylphenol	SW		U	ug/L	2	9
GTSW-2	05/26/04	4-Chloro-3-methylphenol	SW		U	ug/L	2	9
GTSW-2	11/04/04	4-Chloro-3-methylphenol	SW		U	ug/L	2	9
GTSW-2	04/27/05	4-Chloro-3-methylphenol	SW		U	ug/L	2	9
GTSW-2	04/27/04	4-Chloroaniline	SW		U	ug/L	2	9
GTSW-2	05/26/04	4-Chloroaniline	SW		U	ug/L	2	9
GTSW-2	11/04/04	4-Chloroaniline	SW		U	ug/L	2	9
GTSW-2	04/27/05	4-Chloroaniline	SW		U	ug/L	2	9
GTSW-2	04/27/04	4-Chlorophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	05/26/04	4-Chlorophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	11/04/04	4-Chlorophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	04/27/05	4-Chlorophenyl phenyl ether	SW		U	ug/L	2	9
GTSW-2	04/27/04	4-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	05/26/04	4-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	11/04/04	4-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	04/27/05	4-Chlorotoluene	SW		U	ug/L	4	10
GTSW-2	04/27/04	4-Isopropyltoluene	SW		U	ug/L	4	10
GTSW-2	05/26/04	4-Isopropyltoluene	SW		U	ug/L	4	10
GTSW-2	11/04/04	4-Isopropyltoluene	SW		U	ug/L	4	10
GTSW-2	04/27/05	4-Isopropyltoluene	SW		U	ug/L	4	10
GTSW-2	04/27/04	4-Methyl-2-Pentanone	SW		U	ug/L	10	50
GTSW-2	05/26/04	4-Methyl-2-Pentanone	SW		U	ug/L	10	50
GTSW-2	11/04/04	4-Methyl-2-Pentanone	SW		U	ug/L	10	50
GTSW-2	04/27/05	4-Methyl-2-Pentanone	SW		U	ug/L	10	50
GTSW-2	04/27/04	4-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	05/26/04	4-Nitroaniline	SW		U	ug/L	9	50

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	11/04/04	4-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/05	4-Nitroaniline	SW		U	ug/L	9	50
GTSW-2	04/27/04	4-Nitrophenol	SW		U	ug/L	9	50
GTSW-2	05/26/04	4-Nitrophenol	SW		U	ug/L	9	50
GTSW-2	11/04/04	4-Nitrophenol	SW		U	ug/L	9	50
GTSW-2	04/27/05	4-Nitrophenol	SW		U	ug/L	9	50
GTSW-2	04/27/04	Acenaphthene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Acenaphthene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Acenaphthene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Acenaphthene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Acenaphthylene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Acenaphthylene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Acenaphthylene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Acenaphthylene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Acetone	SW		U	ug/L	10	30
GTSW-2	05/26/04	Acetone	SW		U	ug/L	10	30
GTSW-2	11/04/04	Acetone	SW		U	ug/L	10	30
GTSW-2	04/27/05	Acetone	SW		U	ug/L	10	30
GTSW-2	04/27/04	Acrylonitrile	SW		U	ug/L	20	40
GTSW-2	05/26/04	Acrylonitrile	SW		U	ug/L	20	40
GTSW-2	11/04/04	Acrylonitrile	SW		U	ug/L	20	40
GTSW-2	04/27/05	Acrylonitrile	SW		U	ug/L	20	40
GTSW-2	09/29/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	11/04/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	04/27/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	06/01/05	Aluminum, dissolved	SW	0.04	B	mg/L	0.03	0.2
GTSW-2	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	07/21/05	Aluminum, dissolved	SW	0.04	B	mg/L	0.03	0.2
GTSW-2	08/26/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	10/11/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-2	06/23/03	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-2	04/27/04	Aluminum, total	SW	0.08	B	mg/L	0.03	0.2
GTSW-2	05/26/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-2	06/29/04	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-2	07/27/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-2	08/24/04	Aluminum, total	SW	0.03	B	mg/L	0.03	0.2
GTSW-2	09/29/04	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-2	11/04/04	Aluminum, total	SW	0.13	B	mg/L	0.03	0.2
GTSW-2	04/27/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-2	06/01/05	Aluminum, total	SW	0.26		mg/L	0.03	0.2
GTSW-2	06/28/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-2	07/21/05	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-2	08/26/05	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-2	10/11/05	Aluminum, total	SW	0.07	B	mg/L	0.03	0.2
GTSW-2	04/27/04	Anthracene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Anthracene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Anthracene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Anthracene	SW		U	ug/L	2	9
GTSW-2	09/29/04	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	11/04/04	Antimony, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	08/26/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	10/11/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-2	06/23/03	Antimony, total	SW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	05/26/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	06/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	07/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	08/24/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	09/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	11/04/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	06/01/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	08/26/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	10/11/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-2	04/27/04	Aroclor 1016	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1016	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1016	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1016	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1221	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1221	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1221	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1221	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1232	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1232	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1232	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1232	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1242	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1242	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1242	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1242	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1248	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1248	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1248	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1248	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1254	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1254	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1254	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1254	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/04	Aroclor 1260	SW		U	ug/L	0.9	0.9
GTSW-2	05/26/04	Aroclor 1260	SW		U	ug/L	0.9	0.9
GTSW-2	11/04/04	Aroclor 1260	SW		U	ug/L	0.9	0.9
GTSW-2	04/27/05	Aroclor 1260	SW		U	ug/L	0.9	0.9
GTSW-2	09/29/04	Arsenic, dissolved	SW		U	mg/L	0.001	0.005
GTSW-2	11/04/04	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-2	04/27/05	Arsenic, dissolved	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-2	06/01/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-2	06/28/05	Arsenic, dissolved	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-2	07/21/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-2	08/26/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-2	10/11/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-2	06/23/03	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-2	04/27/04	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-2	05/26/04	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-2	06/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	07/27/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	08/24/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	09/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	11/04/04	Arsenic, total	SW		U	mg/L	0.0005	0.003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/05	Arsenic, total	SW	0.0008	B	mg/L	0.0005	0.003
GTSW-2	06/01/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-2	06/28/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	07/21/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	08/26/05	Arsenic, total	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-2	10/11/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-2	04/27/04	Azobenzene	SW		U	ug/L	9	50
GTSW-2	05/26/04	Azobenzene	SW		U	ug/L	9	50
GTSW-2	11/04/04	Azobenzene	SW		U	ug/L	9	50
GTSW-2	04/27/05	Azobenzene	SW		U	ug/L	9	50
GTSW-2	09/29/04	Barium, dissolved	SW	0.049		mg/L	0.003	0.01
GTSW-2	11/04/04	Barium, dissolved	SW	0.048		mg/L	0.003	0.01
GTSW-2	04/27/05	Barium, dissolved	SW	0.04		mg/L	0.003	0.01
GTSW-2	06/01/05	Barium, dissolved	SW	0.039		mg/L	0.003	0.01
GTSW-2	06/28/05	Barium, dissolved	SW	0.043		mg/L	0.003	0.01
GTSW-2	07/21/05	Barium, dissolved	SW	0.045		mg/L	0.003	0.01
GTSW-2	08/26/05	Barium, dissolved	SW	0.044		mg/L	0.003	0.01
GTSW-2	10/11/05	Barium, dissolved	SW	0.047		mg/L	0.003	0.01
GTSW-2	06/23/03	Barium, total	SW	0.044		mg/L	0.003	0.01
GTSW-2	04/27/04	Barium, total	SW	0.045		mg/L	0.003	0.01
GTSW-2	05/26/04	Barium, total	SW	0.042		mg/L	0.003	0.01
GTSW-2	06/29/04	Barium, total	SW	0.055		mg/L	0.003	0.01
GTSW-2	07/27/04	Barium, total	SW	0.047		mg/L	0.003	0.01
GTSW-2	08/24/04	Barium, total	SW	0.048		mg/L	0.003	0.01
GTSW-2	09/29/04	Barium, total	SW	0.048		mg/L	0.003	0.01
GTSW-2	11/04/04	Barium, total	SW	0.048		mg/L	0.003	0.01
GTSW-2	04/27/05	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-2	06/01/05	Barium, total	SW	0.041		mg/L	0.003	0.01
GTSW-2	06/28/05	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-2	07/21/05	Barium, total	SW	0.047		mg/L	0.003	0.01
GTSW-2	08/26/05	Barium, total	SW	0.047		mg/L	0.003	0.01
GTSW-2	10/11/05	Barium, total	SW	0.048		mg/L	0.006	0.02
GTSW-2	04/27/04	Benzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Benzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Benzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Benzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Benzo(a)anthracene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzo(a)anthracene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzo(a)anthracene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzo(a)anthracene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Benzo(a)pyrene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzo(a)pyrene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzo(a)pyrene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzo(a)pyrene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Benzo(b)fluoranthene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzo(b)fluoranthene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzo(b)fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzo(b)fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Benzo(g,h,i)perylene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzo(g,h,i)perylene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzo(g,h,i)perylene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzo(g,h,i)perylene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Benzo(k)fluoranthene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzo(k)fluoranthene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzo(k)fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzo(k)fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Benzoic acid	SW		U	ug/L	9	50

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	05/26/04	Benzoic acid	SW		U	ug/L	9	50
GTSW-2	11/04/04	Benzoic acid	SW		U	ug/L	9	50
GTSW-2	04/27/05	Benzoic acid	SW		U	ug/L	9	50
GTSW-2	04/27/04	Benzyl alcohol	SW		U	ug/L	2	9
GTSW-2	05/26/04	Benzyl alcohol	SW		U	ug/L	2	9
GTSW-2	11/04/04	Benzyl alcohol	SW		U	ug/L	2	9
GTSW-2	04/27/05	Benzyl alcohol	SW		U	ug/L	2	9
GTSW-2	09/29/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	11/04/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	08/26/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	10/11/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-2	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	04/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	07/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	08/24/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	09/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	11/04/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	08/26/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-2	10/11/05	Beryllium, total	SW		U	mg/L	0.004	0.02
GTSW-2	04/27/04	Bicarbonate as CaCO3	SW	190		mg/L	2	10
GTSW-2	05/26/04	Bicarbonate as CaCO3	SW	199		mg/L	2	10
GTSW-2	06/29/04	Bicarbonate as CaCO3	SW	189		mg/L	2	10
GTSW-2	07/27/04	Bicarbonate as CaCO3	SW	215		mg/L	2	10
GTSW-2	08/24/04	Bicarbonate as CaCO3	SW	171		mg/L	2	10
GTSW-2	09/29/04	Bicarbonate as CaCO3	SW	238		mg/L	2	10
GTSW-2	11/04/04	Bicarbonate as CaCO3	SW	188		mg/L	2	10
GTSW-2	04/27/05	Bicarbonate as CaCO3	SW	177	H	mg/L	2	10
GTSW-2	06/01/05	Bicarbonate as CaCO3	SW	172		mg/L	2	10
GTSW-2	06/28/05	Bicarbonate as CaCO3	SW	185		mg/L	2	10
GTSW-2	07/21/05	Bicarbonate as CaCO3	SW	188		mg/L	2	10
GTSW-2	08/26/05	Bicarbonate as CaCO3	SW	191		mg/L	2	20
GTSW-2	10/11/05	Bicarbonate as CaCO3	SW	188		mg/L	2	20
GTSW-2	04/27/04	Bis(2-chloroethoxy)methane	SW		U	ug/L	2	9
GTSW-2	05/26/04	Bis(2-chloroethoxy)methane	SW		U	ug/L	2	9
GTSW-2	11/04/04	Bis(2-chloroethoxy)methane	SW		U	ug/L	2	9
GTSW-2	04/27/05	Bis(2-chloroethoxy)methane	SW		U	ug/L	2	9
GTSW-2	04/27/04	Bis(2-chloroethyl) ether	SW		U	ug/L	2	9
GTSW-2	05/26/04	Bis(2-chloroethyl) ether	SW		U	ug/L	2	9
GTSW-2	11/04/04	Bis(2-chloroethyl) ether	SW		U	ug/L	2	9
GTSW-2	04/27/05	Bis(2-chloroethyl) ether	SW		U	ug/L	2	9
GTSW-2	04/27/04	Bis(2-chloroisopropyl) ether	SW		U	ug/L	2	9
GTSW-2	05/26/04	Bis(2-chloroisopropyl) ether	SW		U	ug/L	2	9
GTSW-2	11/04/04	Bis(2-chloroisopropyl) ether	SW		U	ug/L	2	9
GTSW-2	04/27/05	Bis(2-chloroisopropyl) ether	SW		U	ug/L	2	9
GTSW-2	04/27/04	Bis(2-ethylhexyl) phthalate	SW		U	ug/L	4	20
GTSW-2	05/26/04	Bis(2-ethylhexyl) phthalate	SW		U	ug/L	4	20
GTSW-2	11/04/04	Bis(2-ethylhexyl) phthalate	SW		U	ug/L	4	20

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/05	Bis(2-ethylhexyl) phthalate	SW		U	ug/L	4	20
GTSW-2	04/27/04	Bromobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Bromobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Bromobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Bromobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Bromochloromethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Bromochloromethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Bromochloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Bromochloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Bromodichloromethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Bromodichloromethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Bromodichloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Bromodichloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Bromoform	SW		U	ug/L	4	10
GTSW-2	05/26/04	Bromoform	SW		U	ug/L	4	10
GTSW-2	11/04/04	Bromoform	SW		U	ug/L	4	10
GTSW-2	04/27/05	Bromoform	SW		U	ug/L	4	10
GTSW-2	04/27/04	Bromomethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Bromomethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Bromomethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Bromomethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Butyl benzyl phthalate	SW		U	ug/L	2	9
GTSW-2	05/26/04	Butyl benzyl phthalate	SW		U	ug/L	2	9
GTSW-2	11/04/04	Butyl benzyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/05	Butyl benzyl phthalate	SW		U	ug/L	2	9
GTSW-2	09/29/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	11/04/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	08/26/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	10/11/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-2	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	04/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	07/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	08/24/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	09/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	11/04/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	04/27/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	06/01/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	08/26/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	10/11/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-2	04/27/04	Calcium, dissolved	SW	56.5		mg/L	0.2	1
GTSW-2	06/29/04	Calcium, dissolved	SW	61.5		mg/L	0.2	1
GTSW-2	07/27/04	Calcium, dissolved	SW	62		mg/L	0.2	1
GTSW-2	08/24/04	Calcium, dissolved	SW	63.6		mg/L	0.2	1
GTSW-2	09/29/04	Calcium, dissolved	SW	64.8		mg/L	0.2	1
GTSW-2	11/04/04	Calcium, dissolved	SW	64.5		mg/L	0.2	1
GTSW-2	04/27/05	Calcium, dissolved	SW	60.3		mg/L	0.2	1
GTSW-2	06/01/05	Calcium, dissolved	SW	58.4		mg/L	0.2	1
GTSW-2	06/28/05	Calcium, dissolved	SW	62		mg/L	0.2	1
GTSW-2	07/21/05	Calcium, dissolved	SW	62.1		mg/L	0.2	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	08/26/05	Calcium, dissolved	SW	60.5		mg/L	0.2	1
GTSW-2	10/11/05	Calcium, dissolved	SW	69.3		mg/L	0.2	1
GTSW-2	06/23/03	Calcium, total	SW	62.6		mg/L	0.2	1
GTSW-2	09/29/04	Calcium, total	SW	63.9		mg/L	0.2	1
GTSW-2	11/04/04	Calcium, total	SW	65.8		mg/L	0.2	1
GTSW-2	04/27/05	Calcium, total	SW	64.6		mg/L	0.2	1
GTSW-2	06/01/05	Calcium, total	SW	60.7		mg/L	0.2	1
GTSW-2	06/28/05	Calcium, total	SW	61.7		mg/L	0.2	1
GTSW-2	07/21/05	Calcium, total	SW	62.8		mg/L	0.2	1
GTSW-2	08/26/05	Calcium, total	SW	64.9		mg/L	0.2	1
GTSW-2	10/11/05	Calcium, total	SW	65.5		mg/L	0.4	2
GTSW-2	11/04/04	Carbaryl	SW		U	ug/L	9	9
GTSW-2	04/27/04	Carbon Disulfide	SW		U	ug/L	4	10
GTSW-2	05/26/04	Carbon Disulfide	SW		U	ug/L	4	10
GTSW-2	11/04/04	Carbon Disulfide	SW		U	ug/L	4	10
GTSW-2	04/27/05	Carbon Disulfide	SW		U	ug/L	4	10
GTSW-2	04/27/04	Carbon Tetrachloride	SW		U	ug/L	10	30
GTSW-2	05/26/04	Carbon Tetrachloride	SW		U	ug/L	10	30
GTSW-2	11/04/04	Carbon Tetrachloride	SW		U	ug/L	10	30
GTSW-2	04/27/05	Carbon Tetrachloride	SW		U	ug/L	10	30
GTSW-2	04/27/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	05/26/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	06/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	07/27/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	08/24/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	09/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	11/04/04	Chloride	SW	1	B	mg/L	1	5
GTSW-2	04/27/05	Chloride	SW	2	B	mg/L	1	5
GTSW-2	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-2	06/28/05	Chloride	SW	2	B	mg/L	1	5
GTSW-2	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-2	08/26/05	Chloride	SW	2	B	mg/L	1	5
GTSW-2	10/11/05	Chloride	SW	1	B	mg/L	1	5
GTSW-2	04/27/04	Chlorobenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Chlorobenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Chlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Chlorobenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Chloroethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Chloroethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Chloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Chloroethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Chloroform	SW		U	ug/L	4	10
GTSW-2	05/26/04	Chloroform	SW		U	ug/L	4	10
GTSW-2	11/04/04	Chloroform	SW		U	ug/L	4	10
GTSW-2	04/27/05	Chloroform	SW		U	ug/L	4	10
GTSW-2	04/27/04	Chloromethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Chloromethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Chloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Chloromethane	SW		U	ug/L	4	10
GTSW-2	09/29/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/24/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	09/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Chromium, total	SW		U	mg/L	0.02	0.1
GTSW-2	04/27/04	Chrysene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Chrysene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Chrysene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Chrysene	SW		U	ug/L	2	9
GTSW-2	04/27/04	cis-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	05/26/04	cis-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	11/04/04	cis-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/05	cis-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/04	cis-1,3-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	05/26/04	cis-1,3-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	11/04/04	cis-1,3-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	04/27/05	cis-1,3-Dichloropropene	SW		U	ug/L	4	10
GTSW-2	09/29/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/23/03	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/24/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	09/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Dibenzo(a,h)anthracene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Dibenzo(a,h)anthracene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Dibenzo(a,h)anthracene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Dibenzo(a,h)anthracene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Dibenzofuran	SW		U	ug/L	2	9
GTSW-2	05/26/04	Dibenzofuran	SW		U	ug/L	2	9
GTSW-2	11/04/04	Dibenzofuran	SW		U	ug/L	2	9
GTSW-2	04/27/05	Dibenzofuran	SW		U	ug/L	2	9
GTSW-2	04/27/04	Dibromochloromethane	SW		U	ug/L	4	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	05/26/04	Dibromochloromethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Dibromochloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Dibromochloromethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Dibromomethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Dibromomethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Dibromomethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Dibromomethane	SW		U	ug/L	4	10
GTSW-2	04/27/04	Dichlorodifluoromethane	SW		U	ug/L	5	20
GTSW-2	05/26/04	Dichlorodifluoromethane	SW		U	ug/L	5	20
GTSW-2	11/04/04	Dichlorodifluoromethane	SW		U	ug/L	5	20
GTSW-2	04/27/05	Dichlorodifluoromethane	SW		U	ug/L	5	20
GTSW-2	04/27/04	Diethylphthalate	SW		U	ug/L	2	9
GTSW-2	05/26/04	Diethylphthalate	SW		U	ug/L	2	9
GTSW-2	11/04/04	Diethylphthalate	SW		U	ug/L	2	9
GTSW-2	04/27/05	Diethylphthalate	SW		U	ug/L	2	9
GTSW-2	04/27/04	Dimethyl phthalate	SW		U	ug/L	2	9
GTSW-2	05/26/04	Dimethyl phthalate	SW		U	ug/L	2	9
GTSW-2	11/04/04	Dimethyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/05	Dimethyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/04	Di-n-butyl phthalate	SW		U	ug/L	2	9
GTSW-2	05/26/04	Di-n-butyl phthalate	SW		U	ug/L	2	9
GTSW-2	11/04/04	Di-n-butyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/05	Di-n-butyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/04	Di-n-octyl phthalate	SW		U	ug/L	2	9
GTSW-2	05/26/04	Di-n-octyl phthalate	SW		U	ug/L	2	9
GTSW-2	11/04/04	Di-n-octyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/05	Di-n-octyl phthalate	SW		U	ug/L	2	9
GTSW-2	04/27/04	Ethylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Ethylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Ethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Ethylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Fluoranthene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Fluoranthene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Fluoranthene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Fluorene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Fluorene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Fluorene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Fluorene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-2	05/26/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-2	06/29/04	Fluoride	SW	0.4	B	mg/L	0.1	0.5
GTSW-2	07/27/04	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-2	08/24/04	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-2	09/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-2	11/04/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-2	04/27/05	Fluoride	SW	0.5	B	mg/L	0.1	0.5
GTSW-2	06/01/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-2	06/28/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-2	07/21/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-2	08/26/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-2	10/11/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-2	04/27/04	Hexachlorobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Hexachlorobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Hexachlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Hexachlorobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Hexachlorobutadiene	SW		U	ug/L	4	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/04	Hexachlorobutadiene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Hexachlorobutadiene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Hexachlorobutadiene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Hexachlorobutadiene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Hexachlorobutadiene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Hexachlorobutadiene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Hexachlorobutadiene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Hexachlorocyclopentadiene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Hexachlorocyclopentadiene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Hexachlorocyclopentadiene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Hexachlorocyclopentadiene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Hexachloroethane	SW		U	ug/L	2	9
GTSW-2	05/26/04	Hexachloroethane	SW		U	ug/L	2	9
GTSW-2	11/04/04	Hexachloroethane	SW		U	ug/L	2	9
GTSW-2	04/27/05	Hexachloroethane	SW		U	ug/L	2	9
GTSW-2	04/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	07/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	08/24/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	09/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	11/04/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-2	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-2	08/26/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-2	10/11/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-2	04/27/04	Indeno(1,2,3-cd)pyrene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Indeno(1,2,3-cd)pyrene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Indeno(1,2,3-cd)pyrene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Indeno(1,2,3-cd)pyrene	SW		U	ug/L	2	9
GTSW-2	09/29/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-2	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-2	08/26/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-2	10/11/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-2	06/23/03	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-2	04/27/04	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-2	05/26/04	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-2	06/29/04	Iron, total	SW	0.07		mg/L	0.01	0.05
GTSW-2	07/27/04	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-2	08/24/04	Iron, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-2	09/29/04	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-2	11/04/04	Iron, total	SW	0.13		mg/L	0.01	0.05
GTSW-2	04/27/05	Iron, total	SW	0.07		mg/L	0.01	0.05
GTSW-2	06/01/05	Iron, total	SW	0.3		mg/L	0.01	0.05
GTSW-2	06/28/05	Iron, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-2	07/21/05	Iron, total	SW	0.03	B	mg/L	0.02	0.05
GTSW-2	08/26/05	Iron, total	SW	0.05		mg/L	0.02	0.05
GTSW-2	10/11/05	Iron, total	SW		U	mg/L	0.04	0.1
GTSW-2	04/27/04	Isophorone	SW		U	ug/L	2	9
GTSW-2	05/26/04	Isophorone	SW		U	ug/L	2	9
GTSW-2	11/04/04	Isophorone	SW		U	ug/L	2	9

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/05	Isophorone	SW		U	ug/L	2	9
GTSW-2	04/27/04	Isopropylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Isopropylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Isopropylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Isopropylbenzene	SW		U	ug/L	4	10
GTSW-2	09/29/04	Lead, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	11/04/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	07/21/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-2	08/26/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	10/11/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	04/27/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	05/26/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	07/27/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-2	08/24/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-2	09/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	11/04/04	Lead, total	SW		U	mg/L	0.0005	0.003
GTSW-2	04/27/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/01/05	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-2	06/28/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	08/26/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	10/11/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	04/27/04	m,p-Xylene	SW		U	ug/L	10	30
GTSW-2	05/26/04	m,p-Xylene	SW		U	ug/L	10	30
GTSW-2	11/04/04	m,p-Xylene	SW		U	ug/L	10	30
GTSW-2	04/27/05	m,p-Xylene	SW		U	ug/L	10	30
GTSW-2	04/27/04	Magnesium, dissolved	SW	12.4		mg/L	0.2	1
GTSW-2	06/29/04	Magnesium, dissolved	SW	13.2		mg/L	0.2	1
GTSW-2	07/27/04	Magnesium, dissolved	SW	13.8		mg/L	0.2	1
GTSW-2	08/24/04	Magnesium, dissolved	SW	14.7		mg/L	0.2	1
GTSW-2	09/29/04	Magnesium, dissolved	SW	15.3		mg/L	0.2	1
GTSW-2	11/04/04	Magnesium, dissolved	SW	15.2		mg/L	0.2	1
GTSW-2	04/27/05	Magnesium, dissolved	SW	12.5		mg/L	0.2	1
GTSW-2	06/01/05	Magnesium, dissolved	SW	11.5		mg/L	0.2	1
GTSW-2	06/28/05	Magnesium, dissolved	SW	12.9		mg/L	0.2	1
GTSW-2	07/21/05	Magnesium, dissolved	SW	13.3		mg/L	0.2	1
GTSW-2	08/26/05	Magnesium, dissolved	SW	13.4		mg/L	0.2	1
GTSW-2	10/11/05	Magnesium, dissolved	SW	15.8		mg/L	0.2	1
GTSW-2	06/23/03	Magnesium, total	SW	12.5		mg/L	0.2	1
GTSW-2	09/29/04	Magnesium, total	SW	15		mg/L	0.2	1
GTSW-2	11/04/04	Magnesium, total	SW	15.3		mg/L	0.2	1
GTSW-2	04/27/05	Magnesium, total	SW	13.4		mg/L	0.2	1
GTSW-2	06/01/05	Magnesium, total	SW	11.9		mg/L	0.2	1
GTSW-2	06/28/05	Magnesium, total	SW	12.8		mg/L	0.2	1
GTSW-2	07/21/05	Magnesium, total	SW	13.3		mg/L	0.2	1
GTSW-2	08/26/05	Magnesium, total	SW	14.3		mg/L	0.2	1
GTSW-2	10/11/05	Magnesium, total	SW	15.3		mg/L	0.2	1
GTSW-2	09/29/04	Manganese, dissolved	SW	0.01	B	mg/L	0.005	0.03
GTSW-2	11/04/04	Manganese, dissolved	SW	0.01	B	mg/L	0.005	0.03
GTSW-2	04/27/05	Manganese, dissolved	SW	0.006	B	mg/L	0.005	0.03
GTSW-2	06/01/05	Manganese, dissolved	SW	0.01	B	mg/L	0.005	0.03
GTSW-2	06/28/05	Manganese, dissolved	SW	0.009	B	mg/L	0.005	0.03

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	07/21/05	Manganese, dissolved	SW	0.012	B	mg/L	0.005	0.03
GTSW-2	08/26/05	Manganese, dissolved	SW	0.009	B	mg/L	0.005	0.03
GTSW-2	10/11/05	Manganese, dissolved	SW	0.006	B	mg/L	0.005	0.03
GTSW-2	06/23/03	Manganese, total	SW	0.029	B	mg/L	0.005	0.03
GTSW-2	04/27/04	Manganese, total	SW	0.012	B	mg/L	0.005	0.03
GTSW-2	05/26/04	Manganese, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-2	06/29/04	Manganese, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-2	07/27/04	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-2	08/24/04	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-2	09/29/04	Manganese, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-2	11/04/04	Manganese, total	SW	0.025	B	mg/L	0.005	0.03
GTSW-2	04/27/05	Manganese, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-2	06/01/05	Manganese, total	SW	0.025	B	mg/L	0.005	0.03
GTSW-2	06/28/05	Manganese, total	SW	0.012	B	mg/L	0.005	0.03
GTSW-2	07/21/05	Manganese, total	SW	0.016	B	mg/L	0.005	0.03
GTSW-2	08/26/05	Manganese, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-2	10/11/05	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-2	09/29/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	11/04/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	06/01/05	Mercury, dissolved	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-2	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	08/26/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	10/11/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	07/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	08/24/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	09/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	11/04/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	06/28/05	Mercury, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-2	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	08/26/05	Mercury, total	SW		U	mg/L	0.002	0.01
GTSW-2	10/11/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-2	04/27/04	Methyl Tert Butyl Ether	SW		U	ug/L	4	10
GTSW-2	05/26/04	Methyl Tert Butyl Ether	SW		U	ug/L	4	10
GTSW-2	11/04/04	Methyl Tert Butyl Ether	SW		U	ug/L	4	10
GTSW-2	04/27/05	Methyl Tert Butyl Ether	SW		U	ug/L	4	10
GTSW-2	04/27/04	Methylene Chloride	SW		U	ug/L	4	10
GTSW-2	05/26/04	Methylene Chloride	SW		U	ug/L	4	10
GTSW-2	11/04/04	Methylene Chloride	SW		U	ug/L	4	10
GTSW-2	04/27/05	Methylene Chloride	SW	4	J	ug/L	4	10
GTSW-2	09/29/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/23/03	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/24/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	09/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-2	04/27/04	Naphthalene	SW		U	ug/L	3	10
GTSW-2	04/27/04	Naphthalene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Naphthalene	SW		U	ug/L	3	10
GTSW-2	05/26/04	Naphthalene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Naphthalene	SW		U	ug/L	3	10
GTSW-2	11/04/04	Naphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Naphthalene	SW		U	ug/L	3	10
GTSW-2	04/27/05	Naphthalene	SW		U	ug/L	2	9
GTSW-2	04/27/04	n-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	n-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	n-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	n-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	09/29/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	05/26/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/24/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	09/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	05/26/04	Nitrate/Nitrite as N	SW	0.03	B	mg/L	0.02	0.1
GTSW-2	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	07/27/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	08/24/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	09/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	11/04/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	04/27/05	Nitrate/Nitrite as N	SW	0.06	B	mg/L	0.02	0.1
GTSW-2	06/01/05	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-2	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	07/21/05	Nitrate/Nitrite as N	SW	5.35		mg/L	0.04	0.2
GTSW-2	08/26/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	10/11/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-2	04/27/04	Nitrobenzene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Nitrobenzene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Nitrobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Nitrobenzene	SW		U	ug/L	2	9
GTSW-2	04/27/04	N-Nitrosodimethylamine	SW		U	ug/L	2	9
GTSW-2	05/26/04	N-Nitrosodimethylamine	SW		U	ug/L	2	9
GTSW-2	11/04/04	N-Nitrosodimethylamine	SW		U	ug/L	2	9
GTSW-2	04/27/05	N-Nitrosodimethylamine	SW		U	ug/L	2	9
GTSW-2	04/27/04	N-Nitrosodi-n-propylamine	SW		U	ug/L	2	9
GTSW-2	05/26/04	N-Nitrosodi-n-propylamine	SW		U	ug/L	2	9
GTSW-2	11/04/04	N-Nitrosodi-n-propylamine	SW		U	ug/L	2	9
GTSW-2	04/27/05	N-Nitrosodi-n-propylamine	SW		U	ug/L	2	9
GTSW-2	04/27/04	N-Nitrosodiphenylamine	SW		U	ug/L	2	9
GTSW-2	05/26/04	N-Nitrosodiphenylamine	SW		U	ug/L	2	9
GTSW-2	11/04/04	N-Nitrosodiphenylamine	SW		U	ug/L	2	9
GTSW-2	04/27/05	N-Nitrosodiphenylamine	SW		U	ug/L	2	9
GTSW-2	04/27/04	n-Propylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	n-Propylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	n-Propylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	n-Propylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	o-Xylene	SW		U	ug/L	4	10
GTSW-2	05/26/04	o-Xylene	SW		U	ug/L	4	10
GTSW-2	11/04/04	o-Xylene	SW		U	ug/L	4	10
GTSW-2	04/27/05	o-Xylene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Pentachlorophenol	SW		U	ug/L	9	50
GTSW-2	05/26/04	Pentachlorophenol	SW		U	ug/L	9	50
GTSW-2	11/04/04	Pentachlorophenol	SW		U	ug/L	9	50
GTSW-2	04/27/05	Pentachlorophenol	SW		U	ug/L	9	50
GTSW-2	04/27/04	Phenanthrene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Phenanthrene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Phenanthrene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Phenanthrene	SW		U	ug/L	2	9
GTSW-2	04/27/04	Phenol	SW		U	ug/L	4	20
GTSW-2	05/26/04	Phenol	SW		U	ug/L	4	20
GTSW-2	11/04/04	Phenol	SW		U	ug/L	4	20
GTSW-2	04/27/05	Phenol	SW		U	ug/L	4	20
GTSW-2	04/27/04	Phosphorus, ortho dissolved	SW	0.31	H	mg/L	0.01	0.05
GTSW-2	05/26/04	Phosphorus, ortho dissolved	SW	0.22	H	mg/L	0.01	0.05
GTSW-2	06/29/04	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-2	07/27/04	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-2	08/24/04	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-2	09/29/04	Phosphorus, ortho dissolved	SW	0.12	H	mg/L	0.01	0.05
GTSW-2	11/04/04	Phosphorus, ortho dissolved	SW	0.16	H	mg/L	0.01	0.05
GTSW-2	04/27/05	Phosphorus, ortho dissolved	SW	0.42	H	mg/L	0.01	0.05
GTSW-2	06/01/05	Phosphorus, ortho dissolved	SW	0.11	H	mg/L	0.01	0.05
GTSW-2	06/28/05	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-2	07/21/05	Phosphorus, ortho dissolved	SW	0.08		mg/L	0.01	0.05
GTSW-2	08/26/05	Phosphorus, ortho dissolved	SW	0.07	H	mg/L	0.01	0.05
GTSW-2	10/11/05	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-2	04/27/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-2	06/29/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-2	07/27/04	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-2	08/24/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-2	09/29/04	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-2	11/04/04	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-2	04/27/05	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	06/01/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-2	06/28/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-2	07/21/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-2	08/26/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-2	10/11/05	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-2	06/23/03	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-2	09/29/04	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-2	11/04/04	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-2	04/27/05	Potassium, total	SW	1		mg/L	0.3	1
GTSW-2	06/01/05	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-2	06/28/05	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-2	07/21/05	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-2	08/26/05	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-2	10/11/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-2	04/27/04	Pyrene	SW		U	ug/L	2	9
GTSW-2	05/26/04	Pyrene	SW		U	ug/L	2	9
GTSW-2	11/04/04	Pyrene	SW		U	ug/L	2	9
GTSW-2	04/27/05	Pyrene	SW		U	ug/L	2	9
GTSW-2	04/27/04	sec-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	sec-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	sec-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	sec-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	09/29/04	Selenium, dissolved	SW	0.005		mg/L	0.001	0.005
GTSW-2	11/04/04	Selenium, dissolved	SW	0.005	B	mg/L	0.001	0.005
GTSW-2	04/27/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-2	06/01/05	Selenium, dissolved	SW	0.015		mg/L	0.001	0.005
GTSW-2	06/28/05	Selenium, dissolved	SW	0.011		mg/L	0.001	0.005
GTSW-2	07/21/05	Selenium, dissolved	SW	0.008		mg/L	0.001	0.005
GTSW-2	08/26/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-2	10/11/05	Selenium, dissolved	SW	0.005	B	mg/L	0.001	0.005
GTSW-2	06/23/03	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-2	04/27/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-2	05/26/04	Selenium, total	SW	0.014		mg/L	0.001	0.005
GTSW-2	06/29/04	Selenium, total	SW	0.01		mg/L	0.001	0.005
GTSW-2	07/27/04	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-2	08/24/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-2	09/29/04	Selenium, total	SW	0.005		mg/L	0.001	0.005
GTSW-2	11/04/04	Selenium, total	SW	0.005	B	mg/L	0.001	0.005
GTSW-2	04/27/05	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-2	06/01/05	Selenium, total	SW	0.016		mg/L	0.001	0.005
GTSW-2	06/28/05	Selenium, total	SW	0.011		mg/L	0.001	0.005
GTSW-2	07/21/05	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-2	08/26/05	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-2	10/11/05	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-2	09/29/04	Silver, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	11/04/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	08/26/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	10/11/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/23/03	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	04/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	05/26/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	07/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	08/24/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	09/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	11/04/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	04/27/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/01/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	08/26/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	10/11/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	04/27/04	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-2	06/29/04	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-2	07/27/04	Sodium, dissolved	SW	3		mg/L	0.3	1
GTSW-2	08/24/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-2	09/29/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-2	11/04/04	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-2	04/27/05	Sodium, dissolved	SW	2.6		mg/L	0.3	1
GTSW-2	06/01/05	Sodium, dissolved	SW	2.4		mg/L	0.3	1
GTSW-2	06/28/05	Sodium, dissolved	SW	2.6		mg/L	0.3	1
GTSW-2	07/21/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-2	08/26/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-2	10/11/05	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-2	06/23/03	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-2	09/29/04	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-2	11/04/04	Sodium, total	SW	3.2		mg/L	0.3	1
GTSW-2	04/27/05	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-2	06/01/05	Sodium, total	SW	2.4		mg/L	0.3	1
GTSW-2	06/28/05	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-2	07/21/05	Sodium, total	SW	2.8		mg/L	0.3	1
GTSW-2	08/26/05	Sodium, total	SW	3		mg/L	0.3	1
GTSW-2	10/11/05	Sodium, total	SW	3		mg/L	0.6	2
GTSW-2	04/27/04	Styrene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Styrene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Styrene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Styrene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Sulfate	SW	18.6		mg/L	0.5	3
GTSW-2	05/26/04	Sulfate	SW	15.2		mg/L	0.5	3
GTSW-2	06/29/04	Sulfate	SW	17.1		mg/L	0.5	3
GTSW-2	07/27/04	Sulfate	SW	17.9		mg/L	0.5	3
GTSW-2	08/24/04	Sulfate	SW	16	B	mg/L	5	30
GTSW-2	09/29/04	Sulfate	SW	23.8	H	mg/L	0.5	3
GTSW-2	11/04/04	Sulfate	SW	25.8		mg/L	0.5	3
GTSW-2	04/27/05	Sulfate	SW	14.6		mg/L	0.5	3
GTSW-2	06/01/05	Sulfate	SW	9.6		mg/L	0.5	3
GTSW-2	06/28/05	Sulfate	SW	11.3		mg/L	0.5	3
GTSW-2	07/21/05	Sulfate	SW	14.5		mg/L	0.5	3
GTSW-2	08/26/05	Sulfate	SW	15.8	H	mg/L	0.5	3
GTSW-2	10/11/05	Sulfate	SW	19.6		mg/L	0.5	3
GTSW-2	04/27/04	tert-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	05/26/04	tert-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	11/04/04	tert-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/05	tert-Butylbenzene	SW		U	ug/L	4	10
GTSW-2	04/27/04	Tetrachloroethene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Tetrachloroethene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Tetrachloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Tetrachloroethene	SW		U	ug/L	4	10
GTSW-2	09/29/04	Thallium, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-2	11/04/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/28/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-2	07/21/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	08/26/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	10/11/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/23/03	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	04/27/04	Thallium, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-2	05/26/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	06/29/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	07/27/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	08/24/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-2	09/29/04	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-2	11/04/04	Thallium, total	SW		U	mg/L	0.0005	0.003
GTSW-2	04/27/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/01/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	07/21/05	Thallium, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-2	08/26/05	Thallium, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-2	10/11/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-2	04/27/04	Toluene	SW		U	ug/L	4	10
GTSW-2	05/26/04	Toluene	SW		U	ug/L	4	10
GTSW-2	11/04/04	Toluene	SW		U	ug/L	4	10
GTSW-2	04/27/05	Toluene	SW		U	ug/L	4	10
GTSW-2	04/27/04	trans-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	05/26/04	trans-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	11/04/04	trans-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/05	trans-1,2-Dichloroethene	SW		U	ug/L	4	10
GTSW-2	04/27/04	trans-1,3-Dichloropropene	SW		U	ug/L	3	10
GTSW-2	05/26/04	trans-1,3-Dichloropropene	SW		U	ug/L	3	10
GTSW-2	11/04/04	trans-1,3-Dichloropropene	SW		U	ug/L	3	10
GTSW-2	04/27/05	trans-1,3-Dichloropropene	SW		U	ug/L	3	10
GTSW-2	04/27/04	Trichloroethene	SW		U	ug/L	5	20
GTSW-2	05/26/04	Trichloroethene	SW		U	ug/L	5	20
GTSW-2	11/04/04	Trichloroethene	SW		U	ug/L	5	20
GTSW-2	04/27/05	Trichloroethene	SW		U	ug/L	5	20
GTSW-2	04/27/04	Trichlorofluoromethane	SW		U	ug/L	4	10
GTSW-2	05/26/04	Trichlorofluoromethane	SW		U	ug/L	4	10
GTSW-2	11/04/04	Trichlorofluoromethane	SW		U	ug/L	4	10
GTSW-2	04/27/05	Trichlorofluoromethane	SW		U	ug/L	4	10
GTSW-2	09/29/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	11/04/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	04/27/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	06/01/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	07/21/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	08/26/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	10/11/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-2	06/23/03	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	04/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	05/26/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	06/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	07/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	08/24/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	09/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	11/04/04	Vanadium, total	SW		U	mg/L	0.01	0.05
GTSW-2	04/27/05	Vanadium, total	SW		U	mg/L	0.005	0.03

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-2	06/01/05	Vanadium, total	SW	0.006	B	mg/L	0.005	0.03
GTSW-2	06/28/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	07/21/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	08/26/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	10/11/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-2	04/27/04	Vinyl Acetate	SW		U	ug/L	4	10
GTSW-2	05/26/04	Vinyl Acetate	SW		U	ug/L	4	10
GTSW-2	11/04/04	Vinyl Acetate	SW		U	ug/L	4	10
GTSW-2	04/27/05	Vinyl Acetate	SW		U	ug/L	4	10
GTSW-2	04/27/04	Vinyl Chloride	SW		U	ug/L	4	10
GTSW-2	05/26/04	Vinyl Chloride	SW		U	ug/L	4	10
GTSW-2	11/04/04	Vinyl Chloride	SW		U	ug/L	4	10
GTSW-2	04/27/05	Vinyl Chloride	SW		U	ug/L	4	10
GTSW-2	09/29/04	Zinc, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-2	11/04/04	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/01/05	Zinc, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-2	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-2	06/23/03	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	04/27/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	05/26/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	06/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/24/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	09/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	11/04/04	Zinc, total	SW		U	mg/L	0.02	0.1
GTSW-2	04/27/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	06/01/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-2	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	07/21/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	08/26/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-2	10/11/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	09/29/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	11/04/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	04/27/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	06/01/05	Aluminum, dissolved	SW	0.03	B	mg/L	0.03	0.2
GTSW-3	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	07/21/05	Aluminum, dissolved	SW	0.03	B	mg/L	0.03	0.2
GTSW-3	08/26/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	10/11/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-3	06/23/03	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-3	04/27/04	Aluminum, total	SW	0.09	B	mg/L	0.03	0.2
GTSW-3	05/26/04	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-3	06/29/04	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-3	07/27/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-3	08/24/04	Aluminum, total	SW	0.03	B	mg/L	0.03	0.2
GTSW-3	09/29/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-3	11/04/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-3	04/27/05	Aluminum, total	SW	0.1	B	mg/L	0.03	0.2
GTSW-3	06/01/05	Aluminum, total	SW	0.13	B	mg/L	0.03	0.2
GTSW-3	06/28/05	Aluminum, total	SW		U	mg/L	0.06	0.3
GTSW-3	07/21/05	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-3	08/26/05	Aluminum, total	SW	0.03	B	mg/L	0.03	0.2
GTSW-3	10/11/05	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	09/29/04	Antimony, dissolved	SW	0.0007	B	mg/L	0.0002	0.001
GTSW-3	11/04/04	Antimony, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	08/26/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	10/11/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-3	06/23/03	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	05/26/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	06/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	07/27/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	08/24/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	09/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	11/04/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	06/01/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	08/26/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	10/11/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-3	09/29/04	Arsenic, dissolved	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-3	11/04/04	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-3	04/27/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-3	06/01/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-3	06/28/05	Arsenic, dissolved	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-3	07/21/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-3	08/26/05	Arsenic, dissolved	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-3	10/11/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-3	06/23/03	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-3	04/27/04	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-3	05/26/04	Arsenic, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-3	06/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	07/27/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	08/24/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	09/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	11/04/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	04/27/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-3	06/01/05	Arsenic, total	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-3	06/28/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	07/21/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-3	08/26/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-3	10/11/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-3	09/29/04	Barium, dissolved	SW	0.047		mg/L	0.003	0.01
GTSW-3	11/04/04	Barium, dissolved	SW	0.047		mg/L	0.003	0.01
GTSW-3	04/27/05	Barium, dissolved	SW	0.038		mg/L	0.003	0.01
GTSW-3	06/01/05	Barium, dissolved	SW	0.04		mg/L	0.003	0.01
GTSW-3	06/28/05	Barium, dissolved	SW	0.044		mg/L	0.003	0.01
GTSW-3	07/21/05	Barium, dissolved	SW	0.046		mg/L	0.003	0.01
GTSW-3	08/26/05	Barium, dissolved	SW	0.045		mg/L	0.003	0.01
GTSW-3	10/11/05	Barium, dissolved	SW	0.046		mg/L	0.003	0.01
GTSW-3	06/23/03	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-3	04/27/04	Barium, total	SW	0.044		mg/L	0.003	0.01
GTSW-3	05/26/04	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-3	06/29/04	Barium, total	SW	0.044		mg/L	0.003	0.01
GTSW-3	07/27/04	Barium, total	SW	0.048		mg/L	0.003	0.01

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	08/24/04	Barium, total	SW	0.047		mg/L	0.003	0.01
GTSW-3	09/29/04	Barium, total	SW	0.047		mg/L	0.003	0.01
GTSW-3	11/04/04	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-3	04/27/05	Barium, total	SW	0.041		mg/L	0.003	0.01
GTSW-3	06/01/05	Barium, total	SW	0.04		mg/L	0.003	0.01
GTSW-3	06/28/05	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-3	07/21/05	Barium, total	SW	0.043		mg/L	0.003	0.01
GTSW-3	08/26/05	Barium, total	SW	0.046		mg/L	0.003	0.01
GTSW-3	10/11/05	Barium, total	SW	0.049		mg/L	0.006	0.02
GTSW-3	09/29/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	11/04/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	08/26/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	10/11/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-3	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	04/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	07/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	08/24/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	09/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	11/04/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	08/26/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-3	10/11/05	Beryllium, total	SW		U	mg/L	0.004	0.02
GTSW-3	04/27/04	Bicarbonate as CaCO3	SW	186		mg/L	2	10
GTSW-3	05/26/04	Bicarbonate as CaCO3	SW	181		mg/L	2	10
GTSW-3	06/29/04	Bicarbonate as CaCO3	SW	191		mg/L	2	10
GTSW-3	07/27/04	Bicarbonate as CaCO3	SW	214		mg/L	2	10
GTSW-3	08/24/04	Bicarbonate as CaCO3	SW	198		mg/L	2	10
GTSW-3	09/29/04	Bicarbonate as CaCO3	SW	189		mg/L	2	10
GTSW-3	11/04/04	Bicarbonate as CaCO3	SW	187		mg/L	2	10
GTSW-3	04/27/05	Bicarbonate as CaCO3	SW	190	H	mg/L	2	10
GTSW-3	06/01/05	Bicarbonate as CaCO3	SW	172		mg/L	2	10
GTSW-3	06/28/05	Bicarbonate as CaCO3	SW	190	H	mg/L	2	10
GTSW-3	07/21/05	Bicarbonate as CaCO3	SW	176		mg/L	2	10
GTSW-3	08/26/05	Bicarbonate as CaCO3	SW	189		mg/L	2	20
GTSW-3	10/11/05	Bicarbonate as CaCO3	SW	186		mg/L	2	20
GTSW-3	09/29/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	11/04/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	08/26/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	10/11/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-3	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	04/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	07/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	08/24/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	09/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	11/04/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	04/27/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	06/01/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	08/26/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	10/11/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-3	04/27/04	Calcium, dissolved	SW	56.9		mg/L	0.2	1
GTSW-3	06/29/04	Calcium, dissolved	SW	62.1		mg/L	0.2	1
GTSW-3	07/27/04	Calcium, dissolved	SW	62.2		mg/L	0.2	1
GTSW-3	08/24/04	Calcium, dissolved	SW	63.5		mg/L	0.2	1
GTSW-3	09/29/04	Calcium, dissolved	SW	62.9		mg/L	0.2	1
GTSW-3	11/04/04	Calcium, dissolved	SW	63.5		mg/L	0.2	1
GTSW-3	04/27/05	Calcium, dissolved	SW	59.1		mg/L	0.2	1
GTSW-3	06/01/05	Calcium, dissolved	SW	60.2		mg/L	0.2	1
GTSW-3	06/28/05	Calcium, dissolved	SW	63.3		mg/L	0.2	1
GTSW-3	07/21/05	Calcium, dissolved	SW	63.4		mg/L	0.2	1
GTSW-3	08/26/05	Calcium, dissolved	SW	61.9		mg/L	0.2	1
GTSW-3	10/11/05	Calcium, dissolved	SW	67.6		mg/L	0.2	1
GTSW-3	06/23/03	Calcium, total	SW	64.4		mg/L	0.2	1
GTSW-3	09/29/04	Calcium, total	SW	63.5		mg/L	0.2	1
GTSW-3	11/04/04	Calcium, total	SW	64.3		mg/L	0.2	1
GTSW-3	04/27/05	Calcium, total	SW	63.4		mg/L	0.2	1
GTSW-3	06/01/05	Calcium, total	SW	61.2		mg/L	0.2	1
GTSW-3	06/28/05	Calcium, total	SW	61.2		mg/L	0.2	1
GTSW-3	07/21/05	Calcium, total	SW	62		mg/L	0.2	1
GTSW-3	08/26/05	Calcium, total	SW	64.4		mg/L	0.2	1
GTSW-3	10/11/05	Calcium, total	SW	64.9		mg/L	0.4	2
GTSW-3	04/27/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	05/26/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	06/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	07/27/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	08/24/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	09/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	11/04/04	Chloride	SW	1	B	mg/L	1	5
GTSW-3	04/27/05	Chloride	SW	1	B	mg/L	1	5
GTSW-3	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-3	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-3	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-3	08/26/05	Chloride	SW	2	B	mg/L	1	5
GTSW-3	10/11/05	Chloride	SW	1	B	mg/L	1	5
GTSW-3	09/29/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/24/04	Chromium, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	09/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Chromium, total	SW		U	mg/L	0.02	0.1
GTSW-3	09/29/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/23/03	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/24/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	09/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-3	05/26/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-3	06/29/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-3	07/27/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-3	08/24/04	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-3	09/29/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-3	11/04/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-3	04/27/05	Fluoride	SW	0.6		mg/L	0.1	0.5
GTSW-3	06/01/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-3	06/28/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-3	07/21/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-3	08/26/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-3	10/11/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-3	04/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	07/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	08/24/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	09/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	11/04/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-3	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	06/28/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-3	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-3	08/26/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-3	10/11/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-3	09/29/04	Iron, dissolved	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	11/04/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-3	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-3	08/26/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-3	10/11/05	Iron, dissolved	SW	0.02	B	mg/L	0.02	0.05
GTSW-3	06/23/03	Iron, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-3	04/27/04	Iron, total	SW	0.05	B	mg/L	0.01	0.05
GTSW-3	05/26/04	Iron, total	SW	0.05		mg/L	0.01	0.05
GTSW-3	06/29/04	Iron, total	SW	0.36		mg/L	0.01	0.05
GTSW-3	07/27/04	Iron, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-3	08/24/04	Iron, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-3	09/29/04	Iron, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-3	11/04/04	Iron, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-3	04/27/05	Iron, total	SW	0.08		mg/L	0.01	0.05
GTSW-3	06/01/05	Iron, total	SW	0.18		mg/L	0.01	0.05
GTSW-3	06/28/05	Iron, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-3	07/21/05	Iron, total	SW	0.02	B	mg/L	0.02	0.05
GTSW-3	08/26/05	Iron, total	SW	0.03	B	mg/L	0.02	0.05
GTSW-3	10/11/05	Iron, total	SW		U	mg/L	0.04	0.1
GTSW-3	09/29/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	11/04/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	07/21/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-3	08/26/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	10/11/05	Lead, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-3	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	04/27/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	05/26/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	07/27/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-3	08/24/04	Lead, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-3	09/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	11/04/04	Lead, total	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/01/05	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-3	06/28/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	08/26/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	10/11/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	04/27/04	Magnesium, dissolved	SW	12.5		mg/L	0.2	1
GTSW-3	06/29/04	Magnesium, dissolved	SW	13.4		mg/L	0.2	1
GTSW-3	07/27/04	Magnesium, dissolved	SW	13.8		mg/L	0.2	1
GTSW-3	08/24/04	Magnesium, dissolved	SW	14.6		mg/L	0.2	1
GTSW-3	09/29/04	Magnesium, dissolved	SW	14.7		mg/L	0.2	1
GTSW-3	11/04/04	Magnesium, dissolved	SW	14.9		mg/L	0.2	1
GTSW-3	04/27/05	Magnesium, dissolved	SW	12.1		mg/L	0.2	1
GTSW-3	06/01/05	Magnesium, dissolved	SW	11.8		mg/L	0.2	1
GTSW-3	06/28/05	Magnesium, dissolved	SW	13.2		mg/L	0.2	1
GTSW-3	07/21/05	Magnesium, dissolved	SW	13.6		mg/L	0.2	1
GTSW-3	08/26/05	Magnesium, dissolved	SW	13.6		mg/L	0.2	1
GTSW-3	10/11/05	Magnesium, dissolved	SW	15.3		mg/L	0.2	1
GTSW-3	06/23/03	Magnesium, total	SW	12.9		mg/L	0.2	1
GTSW-3	09/29/04	Magnesium, total	SW	14.9		mg/L	0.2	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	11/04/04	Magnesium, total	SW	15.1		mg/L	0.2	1
GTSW-3	04/27/05	Magnesium, total	SW	13.1		mg/L	0.2	1
GTSW-3	06/01/05	Magnesium, total	SW	11.8		mg/L	0.2	1
GTSW-3	06/28/05	Magnesium, total	SW	12.7		mg/L	0.2	1
GTSW-3	07/21/05	Magnesium, total	SW	13.1		mg/L	0.2	1
GTSW-3	08/26/05	Magnesium, total	SW	14.1		mg/L	0.2	1
GTSW-3	10/11/05	Magnesium, total	SW	15.2		mg/L	0.2	1
GTSW-3	09/29/04	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	11/04/04	Manganese, dissolved	SW	0.033		mg/L	0.005	0.03
GTSW-3	04/27/05	Manganese, dissolved	SW	0.008	B	mg/L	0.005	0.03
GTSW-3	06/01/05	Manganese, dissolved	SW	0.006	B	mg/L	0.005	0.03
GTSW-3	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	07/21/05	Manganese, dissolved	SW	0.007	B	mg/L	0.005	0.03
GTSW-3	08/26/05	Manganese, dissolved	SW	0.005	B	mg/L	0.005	0.03
GTSW-3	10/11/05	Manganese, dissolved	SW	0.011	B	mg/L	0.005	0.03
GTSW-3	06/23/03	Manganese, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-3	04/27/04	Manganese, total	SW	0.014	B	mg/L	0.005	0.03
GTSW-3	05/26/04	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-3	06/29/04	Manganese, total	SW	0.014	B	mg/L	0.005	0.03
GTSW-3	07/27/04	Manganese, total	SW	0.007	B	mg/L	0.005	0.03
GTSW-3	08/24/04	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-3	09/29/04	Manganese, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-3	11/04/04	Manganese, total	SW	0.007	B	mg/L	0.005	0.03
GTSW-3	04/27/05	Manganese, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-3	06/01/05	Manganese, total	SW	0.024	B	mg/L	0.005	0.03
GTSW-3	06/28/05	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-3	07/21/05	Manganese, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-3	08/26/05	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-3	10/11/05	Manganese, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-3	09/29/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	11/04/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	06/01/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	08/26/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	10/11/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	07/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	08/24/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	09/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	11/04/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	08/26/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	10/11/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-3	09/29/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	10/11/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/23/03	Molybdenum, total	SW	0.05	B	mg/L	0.01	0.05
GTSW-3	04/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/24/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	09/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-3	07/21/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Molybdenum, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-3	10/11/05	Molybdenum, total	SW		U	mg/L	0.02	0.1
GTSW-3	09/29/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	05/26/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/24/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	09/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	05/26/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	07/27/04	Nitrate/Nitrite as N	SW	0.02	B	mg/L	0.02	0.1
GTSW-3	08/24/04	Nitrate/Nitrite as N	SW	0.19		mg/L	0.02	0.1
GTSW-3	09/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	11/04/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	04/27/05	Nitrate/Nitrite as N	SW	0.05	B	mg/L	0.02	0.1
GTSW-3	06/01/05	Nitrate/Nitrite as N	SW	0.03	B	mg/L	0.02	0.1
GTSW-3	06/28/05	Nitrate/Nitrite as N	SW	0.89		mg/L	0.02	0.1
GTSW-3	07/21/05	Nitrate/Nitrite as N	SW	8.2		mg/L	0.1	0.5
GTSW-3	08/26/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	10/11/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-3	04/27/04	Phosphorus, ortho dissolved	SW	0.33	H	mg/L	0.01	0.05
GTSW-3	05/26/04	Phosphorus, ortho dissolved	SW	0.24	H	mg/L	0.01	0.05
GTSW-3	06/29/04	Phosphorus, ortho dissolved	SW	0.1	H	mg/L	0.01	0.05
GTSW-3	07/27/04	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-3	08/24/04	Phosphorus, ortho dissolved	SW	0.11	H	mg/L	0.01	0.05
GTSW-3	09/29/04	Phosphorus, ortho dissolved	SW	0.14	H	mg/L	0.01	0.05
GTSW-3	11/04/04	Phosphorus, ortho dissolved	SW	0.15	BH	mg/L	0.03	0.2

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	04/27/05	Phosphorus, ortho dissolved	SW	0.44	H	mg/L	0.01	0.05
GTSW-3	06/01/05	Phosphorus, ortho dissolved	SW	0.12	H	mg/L	0.01	0.05
GTSW-3	06/28/05	Phosphorus, ortho dissolved	SW	0.1	H	mg/L	0.01	0.05
GTSW-3	07/21/05	Phosphorus, ortho dissolved	SW	0.08		mg/L	0.01	0.05
GTSW-3	08/26/05	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-3	10/11/05	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-3	04/27/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-3	06/29/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-3	07/27/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-3	08/24/04	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-3	09/29/04	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-3	11/04/04	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-3	04/27/05	Potassium, dissolved	SW	1	B	mg/L	0.3	1
GTSW-3	06/01/05	Potassium, dissolved	SW	0.5	B	mg/L	0.3	1
GTSW-3	06/28/05	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-3	07/21/05	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-3	08/26/05	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-3	10/11/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-3	06/23/03	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-3	09/29/04	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-3	11/04/04	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-3	04/27/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-3	06/01/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-3	06/28/05	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-3	07/21/05	Potassium, total	SW	0.5	B	mg/L	0.3	1
GTSW-3	08/26/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-3	10/11/05	Potassium, total	SW	0.7	B	mg/L	0.6	2
GTSW-3	09/29/04	Selenium, dissolved	SW	0.005		mg/L	0.001	0.005
GTSW-3	11/04/04	Selenium, dissolved	SW	0.004	B	mg/L	0.001	0.005
GTSW-3	04/27/05	Selenium, dissolved	SW	0.008		mg/L	0.001	0.005
GTSW-3	06/01/05	Selenium, dissolved	SW	0.015		mg/L	0.001	0.005
GTSW-3	06/28/05	Selenium, dissolved	SW	0.011		mg/L	0.001	0.005
GTSW-3	07/21/05	Selenium, dissolved	SW	0.009		mg/L	0.001	0.005
GTSW-3	08/26/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-3	10/11/05	Selenium, dissolved	SW	0.004	B	mg/L	0.001	0.005
GTSW-3	06/23/03	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-3	04/27/04	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-3	05/26/04	Selenium, total	SW	0.014		mg/L	0.001	0.005
GTSW-3	06/29/04	Selenium, total	SW	0.011		mg/L	0.001	0.005
GTSW-3	07/27/04	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-3	08/24/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-3	09/29/04	Selenium, total	SW	0.005		mg/L	0.001	0.005
GTSW-3	11/04/04	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-3	04/27/05	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-3	06/01/05	Selenium, total	SW	0.016		mg/L	0.001	0.005
GTSW-3	06/28/05	Selenium, total	SW	0.01		mg/L	0.001	0.005
GTSW-3	07/21/05	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-3	08/26/05	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-3	10/11/05	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-3	09/29/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	11/04/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	08/26/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-3	10/11/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	06/23/03	Silver, total	SW	0.00007	B	mg/L	0.00005	0.0003
GTSW-3	04/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	05/26/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	07/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	08/24/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	09/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	11/04/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	04/27/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/01/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	08/26/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	10/11/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	04/27/04	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-3	06/29/04	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-3	07/27/04	Sodium, dissolved	SW	3		mg/L	0.3	1
GTSW-3	08/24/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-3	09/29/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-3	11/04/04	Sodium, dissolved	SW	3		mg/L	0.3	1
GTSW-3	04/27/05	Sodium, dissolved	SW	2.6		mg/L	0.3	1
GTSW-3	06/01/05	Sodium, dissolved	SW	2.4		mg/L	0.3	1
GTSW-3	06/28/05	Sodium, dissolved	SW	2.7		mg/L	0.3	1
GTSW-3	07/21/05	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-3	08/26/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-3	10/11/05	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-3	06/23/03	Sodium, total	SW	2.8		mg/L	0.3	1
GTSW-3	09/29/04	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-3	11/04/04	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-3	04/27/05	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-3	06/01/05	Sodium, total	SW	2.4		mg/L	0.3	1
GTSW-3	06/28/05	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-3	07/21/05	Sodium, total	SW	2.8		mg/L	0.3	1
GTSW-3	08/26/05	Sodium, total	SW	3		mg/L	0.3	1
GTSW-3	10/11/05	Sodium, total	SW	3		mg/L	0.6	2
GTSW-3	04/27/04	Sulfate	SW	18.4		mg/L	0.5	3
GTSW-3	05/26/04	Sulfate	SW	17.5		mg/L	0.5	3
GTSW-3	06/29/04	Sulfate	SW	16.8		mg/L	0.5	3
GTSW-3	07/27/04	Sulfate	SW	18.6		mg/L	0.5	3
GTSW-3	08/24/04	Sulfate	SW	17	B	mg/L	5	30
GTSW-3	09/29/04	Sulfate	SW	25.6		mg/L	0.5	3
GTSW-3	11/04/04	Sulfate	SW	25.2		mg/L	0.5	3
GTSW-3	04/27/05	Sulfate	SW	13.9		mg/L	0.5	3
GTSW-3	06/01/05	Sulfate	SW	9.7		mg/L	0.5	3
GTSW-3	06/28/05	Sulfate	SW	11.4		mg/L	0.5	3
GTSW-3	07/21/05	Sulfate	SW	15.8		mg/L	0.5	3
GTSW-3	08/26/05	Sulfate	SW	15.7	H	mg/L	0.5	3
GTSW-3	10/11/05	Sulfate	SW	19.4		mg/L	0.5	3
GTSW-3	09/29/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	11/04/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/28/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-3	07/21/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	08/26/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	10/11/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/23/03	Thallium, total	SW		U	mg/L	0.00005	0.0003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-3	04/27/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	05/26/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	06/29/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	07/27/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	08/24/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-3	09/29/04	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-3	11/04/04	Thallium, total	SW		U	mg/L	0.0002	0.001
GTSW-3	04/27/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/01/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	07/21/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	08/26/05	Thallium, total	SW	0.0005	B	mg/L	0.0001	0.0005
GTSW-3	10/11/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-3	09/29/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	11/04/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	04/27/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	06/01/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	07/21/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	08/26/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	10/11/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-3	06/23/03	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	04/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	05/26/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	06/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	07/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	08/24/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	09/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	11/04/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	04/27/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	06/01/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	06/28/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	07/21/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	08/26/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	10/11/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-3	09/29/04	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-3	11/04/04	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-3	06/23/03	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-3	04/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	05/26/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-3	06/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/24/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	09/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	11/04/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	04/27/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	06/01/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-3	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	07/21/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	08/26/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-3	10/11/05	Zinc, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	09/29/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	11/04/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	04/27/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	06/01/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	07/21/05	Aluminum, dissolved	SW	0.06	B	mg/L	0.03	0.2
GTSW-4	08/25/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-4	10/11/05	Aluminum, dissolved	SW	0.03	B	mg/L	0.03	0.2
GTSW-4	06/23/03	Aluminum, total	SW		U	mg/L	0.3	2
GTSW-4	04/28/04	Aluminum, total	SW	0.09	B	mg/L	0.03	0.2
GTSW-4	05/26/04	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-4	06/29/04	Aluminum, total	SW	0.14	B	mg/L	0.03	0.2
GTSW-4	07/27/04	Aluminum, total	SW	0.09	B	mg/L	0.03	0.2
GTSW-4	08/24/04	Aluminum, total	SW	0.12	B	mg/L	0.03	0.2
GTSW-4	09/29/04	Aluminum, total	SW	0.42		mg/L	0.03	0.2
GTSW-4	11/04/04	Aluminum, total	SW	0.33		mg/L	0.03	0.2
GTSW-4	04/27/05	Aluminum, total	SW	0.04	B	mg/L	0.03	0.2
GTSW-4	06/01/05	Aluminum, total	SW	0.07	B	mg/L	0.03	0.2
GTSW-4	06/28/05	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-4	07/21/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-4	08/25/05	Aluminum, total	SW	0.19	B	mg/L	0.03	0.2
GTSW-4	10/11/05	Aluminum, total	SW	0.09	B	mg/L	0.03	0.2
GTSW-4	09/29/04	Antimony, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	11/04/04	Antimony, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	08/25/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	10/11/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-4	06/23/03	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	04/28/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	05/26/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	06/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	07/27/04	Antimony, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-4	08/24/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	09/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-4	11/04/04	Antimony, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-4	04/27/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	06/01/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	08/25/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	10/11/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-4	09/29/04	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-4	11/04/04	Arsenic, dissolved	SW	0.0012	B	mg/L	0.0005	0.003
GTSW-4	04/27/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-4	06/01/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-4	06/28/05	Arsenic, dissolved	SW	0.001	B	mg/L	0.0005	0.003
GTSW-4	07/21/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-4	08/25/05	Arsenic, dissolved	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-4	10/11/05	Arsenic, dissolved	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-4	06/23/03	Arsenic, total	SW	0.0007		mg/L	0.0001	0.0005
GTSW-4	04/28/04	Arsenic, total	SW	0.0005		mg/L	0.0001	0.0005
GTSW-4	05/26/04	Arsenic, total	SW	0.0006		mg/L	0.0001	0.0005
GTSW-4	06/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-4	07/27/04	Arsenic, total	SW		U	mg/L	0.0005	0.003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	08/24/04	Arsenic, total	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-4	09/29/04	Arsenic, total	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-4	11/04/04	Arsenic, total	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-4	04/27/05	Arsenic, total	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-4	06/01/05	Arsenic, total	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-4	06/28/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-4	07/21/05	Arsenic, total	SW	0.0009	B	mg/L	0.0005	0.003
GTSW-4	08/25/05	Arsenic, total	SW	0.0009	B	mg/L	0.0005	0.003
GTSW-4	10/11/05	Arsenic, total	SW	0.0009	B	mg/L	0.0005	0.003
GTSW-4	09/29/04	Barium, dissolved	SW	0.039		mg/L	0.003	0.01
GTSW-4	11/04/04	Barium, dissolved	SW	0.038		mg/L	0.003	0.01
GTSW-4	04/27/05	Barium, dissolved	SW	0.024		mg/L	0.003	0.01
GTSW-4	06/01/05	Barium, dissolved	SW	0.032		mg/L	0.003	0.01
GTSW-4	06/28/05	Barium, dissolved	SW	0.037		mg/L	0.003	0.01
GTSW-4	07/21/05	Barium, dissolved	SW	0.035		mg/L	0.003	0.01
GTSW-4	08/25/05	Barium, dissolved	SW	0.03		mg/L	0.003	0.01
GTSW-4	10/11/05	Barium, dissolved	SW	0.034		mg/L	0.003	0.01
GTSW-4	06/23/03	Barium, total	SW	0.024		mg/L	0.003	0.01
GTSW-4	04/28/04	Barium, total	SW	0.024		mg/L	0.003	0.01
GTSW-4	05/26/04	Barium, total	SW	0.022		mg/L	0.003	0.01
GTSW-4	06/29/04	Barium, total	SW	0.028		mg/L	0.003	0.01
GTSW-4	07/27/04	Barium, total	SW	0.031		mg/L	0.003	0.01
GTSW-4	08/24/04	Barium, total	SW	0.038		mg/L	0.003	0.01
GTSW-4	09/29/04	Barium, total	SW	0.041		mg/L	0.003	0.01
GTSW-4	11/04/04	Barium, total	SW	0.04		mg/L	0.003	0.01
GTSW-4	04/27/05	Barium, total	SW	0.026		mg/L	0.003	0.01
GTSW-4	06/01/05	Barium, total	SW	0.03		mg/L	0.003	0.01
GTSW-4	06/28/05	Barium, total	SW	0.036		mg/L	0.003	0.01
GTSW-4	07/21/05	Barium, total	SW	0.035		mg/L	0.003	0.01
GTSW-4	08/25/05	Barium, total	SW	0.032		mg/L	0.003	0.01
GTSW-4	10/11/05	Barium, total	SW	0.036		mg/L	0.003	0.01
GTSW-4	09/29/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	11/04/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	08/25/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	10/11/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-4	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	04/28/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	07/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	08/24/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	09/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	11/04/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	08/25/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	10/11/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-4	04/28/04	Bicarbonate as CaCO3	SW	225		mg/L	2	10
GTSW-4	05/26/04	Bicarbonate as CaCO3	SW	227		mg/L	2	10
GTSW-4	06/29/04	Bicarbonate as CaCO3	SW	230		mg/L	2	10
GTSW-4	07/27/04	Bicarbonate as CaCO3	SW	281		mg/L	2	10

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	08/24/04	Bicarbonate as CaCO3	SW	285		mg/L	2	10
GTSW-4	09/29/04	Bicarbonate as CaCO3	SW	294		mg/L	2	10
GTSW-4	11/04/04	Bicarbonate as CaCO3	SW	278		mg/L	2	10
GTSW-4	04/27/05	Bicarbonate as CaCO3	SW	222	H	mg/L	2	10
GTSW-4	06/01/05	Bicarbonate as CaCO3	SW	214		mg/L	2	10
GTSW-4	06/28/05	Bicarbonate as CaCO3	SW	232		mg/L	2	10
GTSW-4	07/21/05	Bicarbonate as CaCO3	SW	228		mg/L	2	10
GTSW-4	08/25/05	Bicarbonate as CaCO3	SW	253		mg/L	2	20
GTSW-4	10/11/05	Bicarbonate as CaCO3	SW	268		mg/L	2	20
GTSW-4	09/29/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	11/04/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	08/25/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	10/11/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-4	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	04/28/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	07/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	08/24/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	09/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	11/04/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	04/27/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	06/01/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	08/25/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	10/11/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-4	04/28/04	Calcium, dissolved	SW	67.3		mg/L	0.2	1
GTSW-4	06/29/04	Calcium, dissolved	SW	70.7		mg/L	0.2	1
GTSW-4	07/27/04	Calcium, dissolved	SW	78.1		mg/L	0.2	1
GTSW-4	08/24/04	Calcium, dissolved	SW	85.1		mg/L	0.2	1
GTSW-4	09/29/04	Calcium, dissolved	SW	88.5		mg/L	0.2	1
GTSW-4	11/04/04	Calcium, dissolved	SW	89.6		mg/L	0.2	1
GTSW-4	04/27/05	Calcium, dissolved	SW	71.5		mg/L	0.2	1
GTSW-4	06/01/05	Calcium, dissolved	SW	71.3		mg/L	0.2	1
GTSW-4	06/28/05	Calcium, dissolved	SW	68.2		mg/L	0.2	1
GTSW-4	07/21/05	Calcium, dissolved	SW	70.7		mg/L	0.2	1
GTSW-4	08/25/05	Calcium, dissolved	SW	75.9		mg/L	0.2	1
GTSW-4	10/11/05	Calcium, dissolved	SW	89.4		mg/L	0.2	1
GTSW-4	06/23/03	Calcium, total	SW	74.1		mg/L	0.2	1
GTSW-4	09/29/04	Calcium, total	SW	91.6		mg/L	0.2	1
GTSW-4	11/04/04	Calcium, total	SW	87.2		mg/L	0.2	1
GTSW-4	04/27/05	Calcium, total	SW	74.9		mg/L	0.2	1
GTSW-4	06/01/05	Calcium, total	SW	71.8		mg/L	0.2	1
GTSW-4	06/28/05	Calcium, total	SW	69.1		mg/L	0.2	1
GTSW-4	07/21/05	Calcium, total	SW	71.1		mg/L	0.2	1
GTSW-4	08/25/05	Calcium, total	SW	80.2		mg/L	0.2	1
GTSW-4	10/11/05	Calcium, total	SW	85.2		mg/L	0.2	1
GTSW-4	04/28/04	Chloride	SW	1	B	mg/L	1	5
GTSW-4	05/26/04	Chloride	SW	1	B	mg/L	1	5
GTSW-4	06/29/04	Chloride	SW		U	mg/L	1	5
GTSW-4	07/27/04	Chloride	SW		U	mg/L	1	5
GTSW-4	08/24/04	Chloride	SW	1	B	mg/L	1	5

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	09/29/04	Chloride	SW	6		mg/L	1	5
GTSW-4	11/04/04	Chloride	SW	2	B	mg/L	1	5
GTSW-4	04/27/05	Chloride	SW	2	B	mg/L	1	5
GTSW-4	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-4	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-4	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-4	08/25/05	Chloride	SW	2	B	mg/L	1	5
GTSW-4	10/11/05	Chloride	SW	1	B	mg/L	1	5
GTSW-4	09/29/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/28/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/24/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	09/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Chromium, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	10/11/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-4	09/29/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/23/03	Copper, total	SW		U	mg/L	0.1	0.5
GTSW-4	04/28/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/24/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	09/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/28/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-4	05/26/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-4	06/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-4	07/27/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-4	08/24/04	Fluoride	SW		U	mg/L	0.1	0.5

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	09/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-4	11/04/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-4	04/27/05	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-4	06/01/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-4	06/28/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-4	07/21/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-4	08/25/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-4	10/11/05	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-4	04/28/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	07/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	08/24/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	09/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	11/04/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-4	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-4	08/25/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-4	10/11/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-4	09/29/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-4	08/25/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-4	10/11/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-4	06/23/03	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-4	04/28/04	Iron, total	SW	0.08		mg/L	0.01	0.05
GTSW-4	05/26/04	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-4	06/29/04	Iron, total	SW	0.14		mg/L	0.01	0.05
GTSW-4	07/27/04	Iron, total	SW	0.15		mg/L	0.01	0.05
GTSW-4	08/24/04	Iron, total	SW	0.11		mg/L	0.01	0.05
GTSW-4	09/29/04	Iron, total	SW	0.57		mg/L	0.01	0.05
GTSW-4	11/04/04	Iron, total	SW	0.42		mg/L	0.01	0.05
GTSW-4	04/27/05	Iron, total	SW	0.06		mg/L	0.01	0.05
GTSW-4	06/01/05	Iron, total	SW	0.08		mg/L	0.01	0.05
GTSW-4	06/28/05	Iron, total	SW	0.05	B	mg/L	0.01	0.05
GTSW-4	07/21/05	Iron, total	SW	0.05	B	mg/L	0.02	0.05
GTSW-4	08/25/05	Iron, total	SW	0.24		mg/L	0.02	0.05
GTSW-4	10/11/05	Iron, total	SW	0.09		mg/L	0.02	0.05
GTSW-4	09/29/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	11/04/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	07/21/05	Lead, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-4	08/25/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-4	10/11/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-4	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	04/28/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	05/26/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	07/27/04	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-4	08/24/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	09/29/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-4	11/04/04	Lead, total	SW	0.0055		mg/L	0.0001	0.0005
GTSW-4	04/27/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/01/05	Lead, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-4	06/28/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	08/25/05	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-4	10/11/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	04/28/04	Magnesium, dissolved	SW	17.7		mg/L	0.2	1
GTSW-4	06/29/04	Magnesium, dissolved	SW	19.2		mg/L	0.2	1
GTSW-4	07/27/04	Magnesium, dissolved	SW	19.4		mg/L	0.2	1
GTSW-4	08/24/04	Magnesium, dissolved	SW	20.9		mg/L	0.2	1
GTSW-4	09/29/04	Magnesium, dissolved	SW	21.5		mg/L	0.2	1
GTSW-4	11/04/04	Magnesium, dissolved	SW	21.9		mg/L	0.2	1
GTSW-4	04/27/05	Magnesium, dissolved	SW	19.4		mg/L	0.2	1
GTSW-4	06/01/05	Magnesium, dissolved	SW	19.4		mg/L	0.2	1
GTSW-4	06/28/05	Magnesium, dissolved	SW	19.8		mg/L	0.2	1
GTSW-4	07/21/05	Magnesium, dissolved	SW	20.7		mg/L	0.2	1
GTSW-4	08/25/05	Magnesium, dissolved	SW	20.4		mg/L	0.2	1
GTSW-4	10/11/05	Magnesium, dissolved	SW	23.2		mg/L	0.2	1
GTSW-4	06/23/03	Magnesium, total	SW	18.2		mg/L	0.2	1
GTSW-4	09/29/04	Magnesium, total	SW	22		mg/L	0.2	1
GTSW-4	11/04/04	Magnesium, total	SW	21.5		mg/L	0.2	1
GTSW-4	04/27/05	Magnesium, total	SW	20.4		mg/L	0.2	1
GTSW-4	06/01/05	Magnesium, total	SW	19.4		mg/L	0.2	1
GTSW-4	06/28/05	Magnesium, total	SW	20.3		mg/L	0.2	1
GTSW-4	07/21/05	Magnesium, total	SW	20.5		mg/L	0.2	1
GTSW-4	08/25/05	Magnesium, total	SW	21.5		mg/L	0.2	1
GTSW-4	10/11/05	Magnesium, total	SW	21.4		mg/L	0.2	1
GTSW-4	09/29/04	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	11/04/04	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-4	04/27/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	06/01/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	07/21/05	Manganese, dissolved	SW	0.008	B	mg/L	0.005	0.03
GTSW-4	08/25/05	Manganese, dissolved	SW	0.022	B	mg/L	0.005	0.03
GTSW-4	10/11/05	Manganese, dissolved	SW	0.041		mg/L	0.005	0.03
GTSW-4	06/23/03	Manganese, total	SW	0.008	B	mg/L	0.005	0.03
GTSW-4	04/28/04	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-4	05/26/04	Manganese, total	SW	0.007	B	mg/L	0.005	0.03
GTSW-4	06/29/04	Manganese, total	SW	0.012	B	mg/L	0.005	0.03
GTSW-4	07/27/04	Manganese, total	SW	0.027	B	mg/L	0.005	0.03
GTSW-4	08/24/04	Manganese, total	SW	0.031		mg/L	0.005	0.03
GTSW-4	09/29/04	Manganese, total	SW	0.042		mg/L	0.005	0.03
GTSW-4	11/04/04	Manganese, total	SW	0.09		mg/L	0.005	0.03
GTSW-4	04/27/05	Manganese, total	SW	0.016	B	mg/L	0.005	0.03
GTSW-4	06/01/05	Manganese, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-4	06/28/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-4	07/21/05	Manganese, total	SW	0.011	B	mg/L	0.005	0.03
GTSW-4	08/25/05	Manganese, total	SW	0.048		mg/L	0.005	0.03
GTSW-4	10/11/05	Manganese, total	SW	0.075		mg/L	0.005	0.03
GTSW-4	09/29/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	11/04/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	06/01/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	08/25/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	10/11/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-4	04/28/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	07/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	08/24/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	09/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	11/04/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	08/25/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	10/11/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-4	09/29/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Molybdenum, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	06/23/03	Molybdenum, total	SW		U	mg/L	0.1	0.5
GTSW-4	04/28/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/27/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/24/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	09/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	10/11/05	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	09/29/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/28/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	05/26/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/27/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/24/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	09/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	11/04/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/27/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Nickel, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	08/25/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-4	04/28/04	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-4	05/26/04	Nitrate/Nitrite as N	SW	0.25		mg/L	0.02	0.1
GTSW-4	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-4	07/27/04	Nitrate/Nitrite as N	SW	0.02	B	mg/L	0.02	0.1
GTSW-4	08/24/04	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-4	09/29/04	Nitrate/Nitrite as N	SW	0.06	B	mg/L	0.02	0.1
GTSW-4	11/04/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-4	04/27/05	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-4	06/01/05	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-4	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-4	07/21/05	Nitrate/Nitrite as N	SW	2.83		mg/L	0.02	0.1
GTSW-4	08/25/05	Nitrate/Nitrite as N	SW	4.76		mg/L	0.04	0.2
GTSW-4	10/11/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-4	04/28/04	Phosphorus, ortho dissolved	SW	0.09		mg/L	0.01	0.05
GTSW-4	05/26/04	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-4	06/29/04	Phosphorus, ortho dissolved	SW	0.07	H	mg/L	0.01	0.05
GTSW-4	07/27/04	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-4	08/24/04	Phosphorus, ortho dissolved	SW	0.07	H	mg/L	0.01	0.05
GTSW-4	09/29/04	Phosphorus, ortho dissolved	SW	0.11	H	mg/L	0.01	0.05
GTSW-4	11/04/04	Phosphorus, ortho dissolved	SW	0.11	H	mg/L	0.01	0.05
GTSW-4	04/27/05	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-4	06/01/05	Phosphorus, ortho dissolved	SW	0.05	BH	mg/L	0.01	0.05
GTSW-4	06/28/05	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-4	07/21/05	Phosphorus, ortho dissolved	SW	0.06		mg/L	0.01	0.05
GTSW-4	08/25/05	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-4	10/11/05	Phosphorus, ortho dissolved	SW	0.1	H	mg/L	0.01	0.05
GTSW-4	04/28/04	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-4	06/29/04	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-4	07/27/04	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-4	08/24/04	Potassium, dissolved	SW	1		mg/L	0.3	1
GTSW-4	09/29/04	Potassium, dissolved	SW	1.1		mg/L	0.3	1
GTSW-4	11/04/04	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-4	04/27/05	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-4	06/01/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-4	06/28/05	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-4	07/21/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-4	08/25/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-4	10/11/05	Potassium, dissolved	SW	1		mg/L	0.3	1
GTSW-4	06/23/03	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-4	09/29/04	Potassium, total	SW	1.2		mg/L	0.3	1
GTSW-4	11/04/04	Potassium, total	SW	1		mg/L	0.3	1
GTSW-4	04/27/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-4	06/01/05	Potassium, total	SW	0.9	B	mg/L	0.3	1
GTSW-4	06/28/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-4	07/21/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-4	08/25/05	Potassium, total	SW	0.9	B	mg/L	0.3	1
GTSW-4	10/11/05	Potassium, total	SW	1	B	mg/L	0.3	1
GTSW-4	09/29/04	Selenium, dissolved	SW	0.004	B	mg/L	0.001	0.005
GTSW-4	11/04/04	Selenium, dissolved	SW	0.007		mg/L	0.001	0.005
GTSW-4	04/27/05	Selenium, dissolved	SW	0.019		mg/L	0.001	0.005
GTSW-4	06/01/05	Selenium, dissolved	SW	0.022		mg/L	0.001	0.005
GTSW-4	06/28/05	Selenium, dissolved	SW	0.02		mg/L	0.001	0.005
GTSW-4	07/21/05	Selenium, dissolved	SW	0.014		mg/L	0.001	0.005
GTSW-4	08/25/05	Selenium, dissolved	SW	0.008		mg/L	0.001	0.005
GTSW-4	10/11/05	Selenium, dissolved	SW	0.005	B	mg/L	0.001	0.005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	06/23/03	Selenium, total	SW	0.021		mg/L	0.001	0.005
GTSW-4	04/28/04	Selenium, total	SW	0.019		mg/L	0.001	0.005
GTSW-4	05/26/04	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-4	06/29/04	Selenium, total	SW	0.016		mg/L	0.001	0.005
GTSW-4	07/27/04	Selenium, total	SW	0.009		mg/L	0.001	0.005
GTSW-4	08/24/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-4	09/29/04	Selenium, total	SW	0.005	B	mg/L	0.001	0.005
GTSW-4	11/04/04	Selenium, total	SW	0.009		mg/L	0.001	0.005
GTSW-4	04/27/05	Selenium, total	SW	0.02		mg/L	0.001	0.005
GTSW-4	06/01/05	Selenium, total	SW	0.024		mg/L	0.001	0.005
GTSW-4	06/28/05	Selenium, total	SW	0.019		mg/L	0.001	0.005
GTSW-4	07/21/05	Selenium, total	SW	0.015		mg/L	0.001	0.005
GTSW-4	08/25/05	Selenium, total	SW	0.008		mg/L	0.001	0.005
GTSW-4	10/11/05	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-4	09/29/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	11/04/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	08/25/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	10/11/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/23/03	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	04/28/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	05/26/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	07/27/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	08/24/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	09/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	11/04/04	Silver, total	SW	0.00005	B	mg/L	0.00005	0.0003
GTSW-4	04/27/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/01/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	08/25/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	10/11/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	04/28/04	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-4	06/29/04	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-4	07/27/04	Sodium, dissolved	SW	3.3		mg/L	0.3	1
GTSW-4	08/24/04	Sodium, dissolved	SW	3.6		mg/L	0.3	1
GTSW-4	09/29/04	Sodium, dissolved	SW	3.4		mg/L	0.3	1
GTSW-4	11/04/04	Sodium, dissolved	SW	3.4		mg/L	0.3	1
GTSW-4	04/27/05	Sodium, dissolved	SW	2.8		mg/L	0.3	1
GTSW-4	06/01/05	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-4	06/28/05	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-4	07/21/05	Sodium, dissolved	SW	3.4		mg/L	0.3	1
GTSW-4	08/25/05	Sodium, dissolved	SW	3.3		mg/L	0.3	1
GTSW-4	10/11/05	Sodium, dissolved	SW	3.6		mg/L	0.3	1
GTSW-4	06/23/03	Sodium, total	SW	3		mg/L	0.3	1
GTSW-4	09/29/04	Sodium, total	SW	3.5		mg/L	0.3	1
GTSW-4	11/04/04	Sodium, total	SW	3.3		mg/L	0.3	1
GTSW-4	04/27/05	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-4	06/01/05	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-4	06/28/05	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-4	07/21/05	Sodium, total	SW	3.3		mg/L	0.3	1
GTSW-4	08/25/05	Sodium, total	SW	3.5		mg/L	0.3	1
GTSW-4	10/11/05	Sodium, total	SW	3.4		mg/L	0.3	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	04/28/04	Sulfate	SW	24.9		mg/L	0.5	3
GTSW-4	05/26/04	Sulfate	SW	18.5		mg/L	0.5	3
GTSW-4	06/29/04	Sulfate	SW	19.9		mg/L	0.5	3
GTSW-4	07/27/04	Sulfate	SW	19.4		mg/L	0.5	3
GTSW-4	08/24/04	Sulfate	SW	17	B	mg/L	5	30
GTSW-4	09/29/04	Sulfate	SW	21	H	mg/L	0.5	3
GTSW-4	11/04/04	Sulfate	SW	24		mg/L	0.5	3
GTSW-4	04/27/05	Sulfate	SW	31.7		mg/L	0.5	3
GTSW-4	06/01/05	Sulfate	SW	14.8		mg/L	0.5	3
GTSW-4	06/28/05	Sulfate	SW	16.2		mg/L	0.5	3
GTSW-4	07/21/05	Sulfate	SW	19.7		mg/L	0.5	3
GTSW-4	08/25/05	Sulfate	SW	17.6	H	mg/L	0.5	3
GTSW-4	10/11/05	Sulfate	SW	17.3		mg/L	0.5	3
GTSW-4	09/29/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	11/04/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/28/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-4	07/21/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	08/25/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	10/11/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/23/03	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	04/28/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	05/26/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	06/29/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	07/27/04	Thallium, total	SW	0.00007	B	mg/L	0.00005	0.0003
GTSW-4	08/24/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-4	09/29/04	Thallium, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-4	11/04/04	Thallium, total	SW	0.0052		mg/L	0.0001	0.0005
GTSW-4	04/27/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/01/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	07/21/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	08/25/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-4	10/11/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-4	09/29/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	11/04/04	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	04/27/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	06/01/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	07/21/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	08/25/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-4	10/11/05	Vanadium, dissolved	SW	0.006	B	mg/L	0.005	0.03
GTSW-4	06/23/03	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	04/28/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	05/26/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	06/29/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	07/27/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	08/24/04	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	09/29/04	Vanadium, total	SW	0.008	B	mg/L	0.005	0.03
GTSW-4	11/04/04	Vanadium, total	SW	0.007	B	mg/L	0.005	0.03
GTSW-4	04/27/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	06/01/05	Vanadium, total	SW	0.005	B	mg/L	0.005	0.03
GTSW-4	06/28/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	07/21/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	08/25/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-4	10/11/05	Vanadium, total	SW	0.005	B	mg/L	0.005	0.03

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-4	09/29/04	Zinc, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	11/04/04	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/01/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	08/25/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	10/11/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-4	06/23/03	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	04/28/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	05/26/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	06/29/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	07/27/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-4	08/24/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	09/29/04	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	11/04/04	Zinc, total	SW	0.05	B	mg/L	0.01	0.05
GTSW-4	04/27/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	06/01/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-4	07/21/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-4	08/25/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-4	10/11/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	04/27/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-5	06/01/05	Aluminum, dissolved	SW	0.03	B	mg/L	0.03	0.2
GTSW-5	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-5	07/21/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-5	06/23/03	Aluminum, total	SW	0.12	B	mg/L	0.03	0.2
GTSW-5	04/28/04	Aluminum, total	SW	0.91		mg/L	0.03	0.2
GTSW-5	05/26/04	Aluminum, total	SW	0.84		mg/L	0.03	0.2
GTSW-5	06/29/04	Aluminum, total	SW	0.53		mg/L	0.03	0.2
GTSW-5	04/27/05	Aluminum, total	SW	1.4		mg/L	0.03	0.2
GTSW-5	06/01/05	Aluminum, total	SW	0.38		mg/L	0.03	0.2
GTSW-5	06/28/05	Aluminum, total	SW	0.13	B	mg/L	0.03	0.2
GTSW-5	07/21/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-5	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-5	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-5	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-5	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-5	06/23/03	Antimony, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-5	04/28/04	Antimony, total	SW	0.001	B	mg/L	0.0004	0.002
GTSW-5	05/26/04	Antimony, total	SW	0.0007	B	mg/L	0.0002	0.001
GTSW-5	06/29/04	Antimony, total	SW	0.0003	B	mg/L	0.0002	0.001
GTSW-5	04/27/05	Antimony, total	SW	0.0013	B	mg/L	0.0004	0.002
GTSW-5	06/01/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-5	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-5	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-5	04/27/05	Arsenic, dissolved	SW	0.0005	B	mg/L	0.0005	0.003
GTSW-5	06/01/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-5	06/28/05	Arsenic, dissolved	SW	0.0013	B	mg/L	0.0005	0.003
GTSW-5	07/21/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-5	06/23/03	Arsenic, total	SW	0.0009		mg/L	0.0001	0.0005
GTSW-5	04/28/04	Arsenic, total	SW	0.0032		mg/L	0.0002	0.001
GTSW-5	05/26/04	Arsenic, total	SW	0.003		mg/L	0.0001	0.0005
GTSW-5	06/29/04	Arsenic, total	SW	0.0012	B	mg/L	0.0005	0.003
GTSW-5	04/27/05	Arsenic, total	SW	0.0041		mg/L	0.0005	0.003
GTSW-5	06/01/05	Arsenic, total	SW	0.0011	B	mg/L	0.0005	0.003
GTSW-5	06/28/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-5	07/21/05	Arsenic, total	SW	0.0008	B	mg/L	0.0005	0.003
GTSW-5	04/27/05	Barium, dissolved	SW	0.018		mg/L	0.003	0.01
GTSW-5	06/01/05	Barium, dissolved	SW	0.027		mg/L	0.003	0.01
GTSW-5	06/28/05	Barium, dissolved	SW	0.036		mg/L	0.003	0.01
GTSW-5	07/21/05	Barium, dissolved	SW	0.034		mg/L	0.003	0.01
GTSW-5	06/23/03	Barium, total	SW	0.024		mg/L	0.003	0.01
GTSW-5	04/28/04	Barium, total	SW	0.022		mg/L	0.003	0.01
GTSW-5	05/26/04	Barium, total	SW	0.025		mg/L	0.003	0.01
GTSW-5	06/29/04	Barium, total	SW	0.026		mg/L	0.003	0.01
GTSW-5	04/27/05	Barium, total	SW	0.029		mg/L	0.003	0.01
GTSW-5	06/01/05	Barium, total	SW	0.033		mg/L	0.003	0.01
GTSW-5	06/28/05	Barium, total	SW	0.038		mg/L	0.003	0.01
GTSW-5	07/21/05	Barium, total	SW	0.035		mg/L	0.003	0.01
GTSW-5	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-5	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-5	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-5	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-5	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	04/28/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-5	04/28/04	Bicarbonate as CaCO3	SW	220		mg/L	2	10
GTSW-5	05/26/04	Bicarbonate as CaCO3	SW	219		mg/L	2	10
GTSW-5	06/29/04	Bicarbonate as CaCO3	SW	210		mg/L	2	10
GTSW-5	04/27/05	Bicarbonate as CaCO3	SW	210	H	mg/L	2	10
GTSW-5	06/01/05	Bicarbonate as CaCO3	SW	216		mg/L	2	10
GTSW-5	06/28/05	Bicarbonate as CaCO3	SW	221		mg/L	2	10
GTSW-5	07/21/05	Bicarbonate as CaCO3	SW	218		mg/L	2	10
GTSW-5	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-5	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-5	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-5	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-5	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-5	04/28/04	Cadmium, total	SW	0.007	B	mg/L	0.005	0.02
GTSW-5	05/26/04	Cadmium, total	SW	0.005	B	mg/L	0.005	0.02
GTSW-5	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-5	04/27/05	Cadmium, total	SW	0.013	B	mg/L	0.005	0.02
GTSW-5	06/01/05	Cadmium, total	SW	0.011	B	mg/L	0.005	0.02
GTSW-5	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-5	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-5	04/28/04	Calcium, dissolved	SW	67.6		mg/L	0.2	1
GTSW-5	06/29/04	Calcium, dissolved	SW	69.4		mg/L	0.2	1
GTSW-5	04/27/05	Calcium, dissolved	SW	70.2		mg/L	0.2	1
GTSW-5	06/01/05	Calcium, dissolved	SW	72.7		mg/L	0.2	1
GTSW-5	06/28/05	Calcium, dissolved	SW	68.4		mg/L	0.2	1
GTSW-5	07/21/05	Calcium, dissolved	SW	70		mg/L	0.2	1
GTSW-5	06/23/03	Calcium, total	SW	72.7		mg/L	0.2	1
GTSW-5	04/27/05	Calcium, total	SW	87.9		mg/L	0.2	1
GTSW-5	06/01/05	Calcium, total	SW	89.6		mg/L	0.2	1
GTSW-5	06/28/05	Calcium, total	SW	72.1		mg/L	0.2	1
GTSW-5	07/21/05	Calcium, total	SW	73.1		mg/L	0.2	1
GTSW-5	04/28/04	Chloride	SW	1	B	mg/L	1	5
GTSW-5	05/26/04	Chloride	SW	1	B	mg/L	1	5

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-5	06/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-5	04/27/05	Chloride	SW	2	B	mg/L	1	5
GTSW-5	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-5	06/28/05	Chloride	SW	2	B	mg/L	1	5
GTSW-5	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-5	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Chromium, total	SW	0.06		mg/L	0.01	0.05
GTSW-5	05/26/04	Chromium, total	SW	0.05	B	mg/L	0.01	0.05
GTSW-5	06/29/04	Chromium, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-5	04/27/05	Chromium, total	SW	0.1		mg/L	0.01	0.05
GTSW-5	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Chromium, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/23/03	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Copper, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-5	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/27/05	Copper, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-5	06/01/05	Copper, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-5	05/26/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-5	06/29/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-5	04/27/05	Fluoride	SW	0.4	B	mg/L	0.1	0.5
GTSW-5	06/01/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-5	06/28/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-5	07/21/05	Fluoride	SW	0.1	B	mg/L	0.1	0.5
GTSW-5	04/28/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-5	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-5	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/01/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-5	06/23/03	Iron, total	SW	0.14		mg/L	0.01	0.05
GTSW-5	04/28/04	Iron, total	SW	1.13		mg/L	0.01	0.05
GTSW-5	05/26/04	Iron, total	SW	1.09		mg/L	0.01	0.05
GTSW-5	06/29/04	Iron, total	SW	0.8		mg/L	0.01	0.05
GTSW-5	04/27/05	Iron, total	SW	2.06		mg/L	0.01	0.05
GTSW-5	06/01/05	Iron, total	SW	0.37		mg/L	0.01	0.05
GTSW-5	06/28/05	Iron, total	SW	0.21		mg/L	0.01	0.05
GTSW-5	07/21/05	Iron, total	SW	0.05	B	mg/L	0.02	0.05
GTSW-5	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-5	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-5	06/28/05	Lead, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-5	07/21/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-5	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-5	04/28/04	Lead, total	SW	0.0011		mg/L	0.0002	0.001
GTSW-5	05/26/04	Lead, total	SW	0.001		mg/L	0.0001	0.0005
GTSW-5	06/29/04	Lead, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-5	04/27/05	Lead, total	SW	0.0012		mg/L	0.0001	0.0005
GTSW-5	06/01/05	Lead, total	SW	0.0011		mg/L	0.0001	0.0005
GTSW-5	06/28/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-5	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-5	04/28/04	Magnesium, dissolved	SW	17.5		mg/L	0.2	1
GTSW-5	06/29/04	Magnesium, dissolved	SW	18.5		mg/L	0.2	1
GTSW-5	04/27/05	Magnesium, dissolved	SW	18.6		mg/L	0.2	1
GTSW-5	06/01/05	Magnesium, dissolved	SW	19.5		mg/L	0.2	1
GTSW-5	06/28/05	Magnesium, dissolved	SW	19.9		mg/L	0.2	1
GTSW-5	07/21/05	Magnesium, dissolved	SW	20.4		mg/L	0.2	1
GTSW-5	06/23/03	Magnesium, total	SW	17.7		mg/L	0.2	1
GTSW-5	04/27/05	Magnesium, total	SW	20.5		mg/L	0.2	1
GTSW-5	06/01/05	Magnesium, total	SW	18.8		mg/L	0.2	1
GTSW-5	06/28/05	Magnesium, total	SW	21		mg/L	0.2	1
GTSW-5	07/21/05	Magnesium, total	SW	21		mg/L	0.2	1
GTSW-5	04/27/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	06/01/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	07/21/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	06/23/03	Manganese, total	SW	0.008	B	mg/L	0.005	0.03
GTSW-5	04/28/04	Manganese, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-5	05/26/04	Manganese, total	SW	0.026	B	mg/L	0.005	0.03
GTSW-5	06/29/04	Manganese, total	SW	0.019	B	mg/L	0.005	0.03
GTSW-5	04/27/05	Manganese, total	SW	0.027	B	mg/L	0.005	0.03
GTSW-5	06/01/05	Manganese, total	SW	0.039		mg/L	0.005	0.03
GTSW-5	06/28/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-5	07/21/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-5	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-5	06/01/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-5	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-5	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-5	04/28/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-5	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/23/03	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/27/05	Molybdenum, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/01/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-5	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-5	05/26/04	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/29/04	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	04/27/05	Nickel, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-5	06/01/05	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-5	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-5	04/28/04	Nitrate/Nitrite as N	SW	0.08	B	mg/L	0.02	0.1
GTSW-5	05/26/04	Nitrate/Nitrite as N	SW	0.05	B	mg/L	0.02	0.1
GTSW-5	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-5	04/27/05	Nitrate/Nitrite as N	SW	0.12		mg/L	0.02	0.1
GTSW-5	06/01/05	Nitrate/Nitrite as N	SW	0.04	B	mg/L	0.02	0.1
GTSW-5	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-5	07/21/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-5	04/28/04	Phosphorus, ortho dissolved	SW	0.09		mg/L	0.01	0.05
GTSW-5	05/26/04	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-5	06/29/04	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-5	04/27/05	Phosphorus, ortho dissolved	SW	0.09	H	mg/L	0.01	0.05
GTSW-5	06/01/05	Phosphorus, ortho dissolved	SW	0.05	BH	mg/L	0.01	0.05
GTSW-5	06/28/05	Phosphorus, ortho dissolved	SW	0.03	BH	mg/L	0.01	0.05
GTSW-5	07/21/05	Phosphorus, ortho dissolved	SW	0.06		mg/L	0.01	0.05
GTSW-5	04/28/04	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-5	06/29/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-5	04/27/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-5	06/01/05	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-5	06/28/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-5	07/21/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-5	06/23/03	Potassium, total	SW	1	B	mg/L	0.3	1
GTSW-5	04/27/05	Potassium, total	SW	1.2		mg/L	0.3	1
GTSW-5	06/01/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-5	06/28/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-5	07/21/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-5	04/27/05	Selenium, dissolved	SW	0.06		mg/L	0.002	0.01
GTSW-5	06/01/05	Selenium, dissolved	SW	0.026		mg/L	0.001	0.005
GTSW-5	06/28/05	Selenium, dissolved	SW	0.019		mg/L	0.001	0.005
GTSW-5	07/21/05	Selenium, dissolved	SW	0.015		mg/L	0.001	0.005
GTSW-5	06/23/03	Selenium, total	SW	0.022		mg/L	0.001	0.005
GTSW-5	04/28/04	Selenium, total	SW	0.033		mg/L	0.001	0.005
GTSW-5	05/26/04	Selenium, total	SW	0.028		mg/L	0.001	0.005
GTSW-5	06/29/04	Selenium, total	SW	0.019		mg/L	0.001	0.005
GTSW-5	04/27/05	Selenium, total	SW	0.066		mg/L	0.002	0.01
GTSW-5	06/01/05	Selenium, total	SW	0.036		mg/L	0.001	0.005
GTSW-5	06/28/05	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-5	07/21/05	Selenium, total	SW	0.015		mg/L	0.001	0.005
GTSW-5	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-5	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-5	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-5	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-5	06/23/03	Silver, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-5	04/28/04	Silver, total	SW	0.0007		mg/L	0.0001	0.0005
GTSW-5	05/26/04	Silver, total	SW	0.00058		mg/L	0.00005	0.0003
GTSW-5	06/29/04	Silver, total	SW	0.00026	B	mg/L	0.00005	0.0003
GTSW-5	04/27/05	Silver, total	SW	0.00077		mg/L	0.00005	0.0003

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-5	06/01/05	Silver, total	SW	0.00024	B	mg/L	0.00005	0.0003
GTSW-5	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-5	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-5	04/28/04	Sodium, dissolved	SW	2.7		mg/L	0.3	1
GTSW-5	06/29/04	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-5	04/27/05	Sodium, dissolved	SW	2.7		mg/L	0.3	1
GTSW-5	06/01/05	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-5	06/28/05	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-5	07/21/05	Sodium, dissolved	SW	3.3		mg/L	0.3	1
GTSW-5	06/23/03	Sodium, total	SW	3		mg/L	0.3	1
GTSW-5	04/27/05	Sodium, total	SW	3		mg/L	0.3	1
GTSW-5	06/01/05	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-5	06/28/05	Sodium, total	SW	3.3		mg/L	0.3	1
GTSW-5	07/21/05	Sodium, total	SW	3.4		mg/L	0.3	1
GTSW-5	04/28/04	Sulfate	SW	26		mg/L	0.5	3
GTSW-5	05/26/04	Sulfate	SW	18.5		mg/L	0.5	3
GTSW-5	06/29/04	Sulfate	SW	18.3		mg/L	0.5	3
GTSW-5	04/27/05	Sulfate	SW	32.4		mg/L	0.5	3
GTSW-5	06/01/05	Sulfate	SW	14.8		mg/L	0.5	3
GTSW-5	06/28/05	Sulfate	SW	16.3		mg/L	0.5	3
GTSW-5	07/21/05	Sulfate	SW	19.7		mg/L	0.5	3
GTSW-5	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-5	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-5	06/28/05	Thallium, dissolved	SW	0.0003	B	mg/L	0.0002	0.001
GTSW-5	07/21/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-5	06/23/03	Thallium, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-5	04/28/04	Thallium, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-5	05/26/04	Thallium, total	SW	0.00029	B	mg/L	0.00005	0.0003
GTSW-5	06/29/04	Thallium, total	SW	0.00012	B	mg/L	0.00005	0.0003
GTSW-5	04/27/05	Thallium, total	SW	0.0005	B	mg/L	0.0001	0.0005
GTSW-5	06/01/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-5	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-5	07/21/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-5	04/27/05	Vanadium, dissolved	SW	0.008	B	mg/L	0.005	0.03
GTSW-5	06/01/05	Vanadium, dissolved	SW	0.006	B	mg/L	0.005	0.03
GTSW-5	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	07/21/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-5	06/23/03	Vanadium, total	SW	0.009	B	mg/L	0.005	0.03
GTSW-5	04/28/04	Vanadium, total	SW	0.081		mg/L	0.005	0.03
GTSW-5	05/26/04	Vanadium, total	SW	0.068		mg/L	0.005	0.03
GTSW-5	06/29/04	Vanadium, total	SW	0.048		mg/L	0.005	0.03
GTSW-5	04/27/05	Vanadium, total	SW	0.146		mg/L	0.005	0.03
GTSW-5	06/01/05	Vanadium, total	SW	0.028	B	mg/L	0.005	0.03
GTSW-5	06/28/05	Vanadium, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-5	07/21/05	Vanadium, total	SW	0.008	B	mg/L	0.005	0.03
GTSW-5	04/27/05	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/01/05	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-5	07/21/05	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-5	06/23/03	Zinc, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-5	04/28/04	Zinc, total	SW	0.12		mg/L	0.01	0.05
GTSW-5	05/26/04	Zinc, total	SW	0.11		mg/L	0.01	0.05
GTSW-5	06/29/04	Zinc, total	SW	0.07		mg/L	0.01	0.05
GTSW-5	04/27/05	Zinc, total	SW	0.21		mg/L	0.01	0.05
GTSW-5	06/01/05	Zinc, total	SW	0.1		mg/L	0.01	0.05
GTSW-5	06/28/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-5	07/21/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	04/27/05	Aluminum, dissolved	SW	0.05	B	mg/L	0.03	0.2
GTSW-6	06/01/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-6	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-6	07/21/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-6	06/23/03	Aluminum, total	SW	0.07	B	mg/L	0.03	0.2
GTSW-6	04/28/04	Aluminum, total	SW	1.99		mg/L	0.03	0.2
GTSW-6	05/26/04	Aluminum, total	SW	0.15	B	mg/L	0.03	0.2
GTSW-6	06/29/04	Aluminum, total	SW	0.11	B	mg/L	0.03	0.2
GTSW-6	04/27/05	Aluminum, total	SW	2.61		mg/L	0.03	0.2
GTSW-6	06/01/05	Aluminum, total	SW	2.52		mg/L	0.03	0.2
GTSW-6	06/28/05	Aluminum, total	SW	0.13	B	mg/L	0.03	0.2
GTSW-6	07/21/05	Aluminum, total	SW	0.05	B	mg/L	0.03	0.2
GTSW-6	04/27/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-6	06/01/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-6	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-6	07/21/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-6	06/23/03	Antimony, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-6	04/28/04	Antimony, total	SW	0.0013	B	mg/L	0.0004	0.002
GTSW-6	05/26/04	Antimony, total	SW	0.0003	B	mg/L	0.0002	0.001
GTSW-6	06/29/04	Antimony, total	SW		U	mg/L	0.0002	0.001
GTSW-6	04/27/05	Antimony, total	SW	0.0027		mg/L	0.0004	0.002
GTSW-6	06/01/05	Antimony, total	SW	0.0029	B	mg/L	0.0008	0.004
GTSW-6	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-6	07/21/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-6	04/27/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-6	06/01/05	Arsenic, dissolved	SW	0.0009	B	mg/L	0.0005	0.003
GTSW-6	06/28/05	Arsenic, dissolved	SW	0.001	B	mg/L	0.0005	0.003
GTSW-6	07/21/05	Arsenic, dissolved	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-6	06/23/03	Arsenic, total	SW	0.0007		mg/L	0.0001	0.0005
GTSW-6	04/28/04	Arsenic, total	SW	0.0041		mg/L	0.0002	0.001
GTSW-6	05/26/04	Arsenic, total	SW	0.0013		mg/L	0.0001	0.0005
GTSW-6	06/29/04	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-6	04/27/05	Arsenic, total	SW	0.0076		mg/L	0.0005	0.003
GTSW-6	06/01/05	Arsenic, total	SW	0.008		mg/L	0.001	0.005
GTSW-6	06/28/05	Arsenic, total	SW	0.0007	B	mg/L	0.0005	0.003
GTSW-6	07/21/05	Arsenic, total	SW	0.0009	B	mg/L	0.0005	0.003
GTSW-6	04/27/05	Barium, dissolved	SW	0.004	B	mg/L	0.003	0.01
GTSW-6	06/01/05	Barium, dissolved	SW	0.013		mg/L	0.003	0.01
GTSW-6	06/28/05	Barium, dissolved	SW	0.035		mg/L	0.003	0.01
GTSW-6	07/21/05	Barium, dissolved	SW	0.032		mg/L	0.003	0.01
GTSW-6	06/23/03	Barium, total	SW	0.023		mg/L	0.003	0.01
GTSW-6	04/28/04	Barium, total	SW	0.015		mg/L	0.003	0.01
GTSW-6	05/26/04	Barium, total	SW	0.014		mg/L	0.003	0.01
GTSW-6	06/29/04	Barium, total	SW	0.02		mg/L	0.003	0.01
GTSW-6	04/27/05	Barium, total	SW	0.019		mg/L	0.003	0.01
GTSW-6	06/01/05	Barium, total	SW	0.023		mg/L	0.003	0.01
GTSW-6	06/28/05	Barium, total	SW	0.037		mg/L	0.003	0.01
GTSW-6	07/21/05	Barium, total	SW	0.032		mg/L	0.003	0.01
GTSW-6	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-6	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-6	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-6	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-6	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	04/28/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-6	04/28/04	Bicarbonate as CaCO3	SW	189		mg/L	2	10
GTSW-6	05/26/04	Bicarbonate as CaCO3	SW	209		mg/L	2	10
GTSW-6	06/29/04	Bicarbonate as CaCO3	SW	218		mg/L	2	10
GTSW-6	04/27/05	Bicarbonate as CaCO3	SW	70	H	mg/L	2	10
GTSW-6	06/01/05	Bicarbonate as CaCO3	SW	200		mg/L	2	10
GTSW-6	06/28/05	Bicarbonate as CaCO3	SW	227		mg/L	2	10
GTSW-6	07/21/05	Bicarbonate as CaCO3	SW	213		mg/L	2	10
GTSW-6	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-6	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-6	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-6	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-6	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-6	04/28/04	Cadmium, total	SW	0.008	B	mg/L	0.005	0.02
GTSW-6	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-6	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-6	04/27/05	Cadmium, total	SW	0.017	B	mg/L	0.005	0.02
GTSW-6	06/01/05	Cadmium, total	SW	0.014	B	mg/L	0.005	0.02
GTSW-6	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-6	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-6	04/28/04	Calcium, dissolved	SW	59.3		mg/L	0.2	1
GTSW-6	06/29/04	Calcium, dissolved	SW	65.2		mg/L	0.2	1
GTSW-6	04/27/05	Calcium, dissolved	SW	24.2		mg/L	0.2	1
GTSW-6	06/01/05	Calcium, dissolved	SW	67.7		mg/L	0.2	1
GTSW-6	06/28/05	Calcium, dissolved	SW	69.5		mg/L	0.2	1
GTSW-6	07/21/05	Calcium, dissolved	SW	70.5		mg/L	0.2	1
GTSW-6	06/23/03	Calcium, total	SW	71.6		mg/L	0.2	1
GTSW-6	04/27/05	Calcium, total	SW	42.3		mg/L	0.2	1
GTSW-6	06/01/05	Calcium, total	SW	82.6		mg/L	0.2	1
GTSW-6	06/28/05	Calcium, total	SW	71.9		mg/L	0.2	1
GTSW-6	07/21/05	Calcium, total	SW	70.9		mg/L	0.2	1
GTSW-6	04/28/04	Chloride	SW	1	B	mg/L	1	5
GTSW-6	05/26/04	Chloride	SW	1	B	mg/L	1	5
GTSW-6	06/29/04	Chloride	SW		U	mg/L	1	5
GTSW-6	04/27/05	Chloride	SW	1	B	mg/L	1	5
GTSW-6	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-6	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-6	07/21/05	Chloride	SW	2	B	mg/L	1	5
GTSW-6	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/28/04	Chromium, total	SW	0.14		mg/L	0.01	0.05
GTSW-6	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-6	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Chromium, total	SW	0.19		mg/L	0.01	0.05
GTSW-6	06/01/05	Chromium, total	SW	0.19		mg/L	0.01	0.05
GTSW-6	06/28/05	Chromium, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-6	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/23/03	Copper, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	04/28/04	Copper, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-6	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-6	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Copper, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-6	06/01/05	Copper, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/28/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-6	05/26/04	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-6	06/29/04	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-6	04/27/05	Fluoride	SW	0.3	B	mg/L	0.1	0.5
GTSW-6	06/01/05	Fluoride	SW		U	mg/L	0.1	0.5
GTSW-6	06/28/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-6	07/21/05	Fluoride	SW	0.2	B	mg/L	0.1	0.5
GTSW-6	04/28/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-6	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-6	04/27/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Iron, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-6	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-6	07/21/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-6	06/23/03	Iron, total	SW	0.07		mg/L	0.01	0.05
GTSW-6	04/28/04	Iron, total	SW	1.65		mg/L	0.01	0.05
GTSW-6	05/26/04	Iron, total	SW	0.17		mg/L	0.01	0.05
GTSW-6	06/29/04	Iron, total	SW	0.36		mg/L	0.01	0.05
GTSW-6	04/27/05	Iron, total	SW	4.52		mg/L	0.01	0.05
GTSW-6	06/01/05	Iron, total	SW	4.46		mg/L	0.01	0.05
GTSW-6	06/28/05	Iron, total	SW	0.19		mg/L	0.01	0.05
GTSW-6	07/21/05	Iron, total	SW	0.06		mg/L	0.02	0.05
GTSW-6	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-6	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-6	06/28/05	Lead, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	07/21/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-6	06/23/03	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-6	04/28/04	Lead, total	SW	0.0011		mg/L	0.0002	0.001
GTSW-6	05/26/04	Lead, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-6	06/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-6	04/27/05	Lead, total	SW	0.0017		mg/L	0.0001	0.0005
GTSW-6	06/01/05	Lead, total	SW	0.0029		mg/L	0.0002	0.001
GTSW-6	06/28/05	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-6	07/21/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-6	04/28/04	Magnesium, dissolved	SW	14.7		mg/L	0.2	1
GTSW-6	06/29/04	Magnesium, dissolved	SW	19.5		mg/L	0.2	1
GTSW-6	04/27/05	Magnesium, dissolved	SW	5.7		mg/L	0.2	1
GTSW-6	06/01/05	Magnesium, dissolved	SW	17.1		mg/L	0.2	1
GTSW-6	06/28/05	Magnesium, dissolved	SW	21		mg/L	0.2	1
GTSW-6	07/21/05	Magnesium, dissolved	SW	21.5		mg/L	0.2	1
GTSW-6	06/23/03	Magnesium, total	SW	17.7		mg/L	0.2	1
GTSW-6	04/27/05	Magnesium, total	SW	6.5		mg/L	0.2	1
GTSW-6	06/01/05	Magnesium, total	SW	17.5		mg/L	0.2	1
GTSW-6	06/28/05	Magnesium, total	SW	21.2		mg/L	0.2	1
GTSW-6	07/21/05	Magnesium, total	SW	21.3		mg/L	0.2	1
GTSW-6	04/27/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	06/01/05	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-6	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-6	07/21/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-6	06/23/03	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-6	04/28/04	Manganese, total	SW	0.016	B	mg/L	0.005	0.03
GTSW-6	05/26/04	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-6	06/29/04	Manganese, total	SW	0.008	B	mg/L	0.005	0.03
GTSW-6	04/27/05	Manganese, total	SW	0.042		mg/L	0.005	0.03
GTSW-6	06/01/05	Manganese, total	SW	0.039		mg/L	0.005	0.03
GTSW-6	06/28/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-6	07/21/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-6	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	06/01/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	04/28/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-6	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-6	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-6	04/27/05	Mercury, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-6	06/01/05	Mercury, total	SW	0.0003	B	mg/L	0.0002	0.001
GTSW-6	06/28/05	Mercury, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-6	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-6	04/27/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/23/03	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/28/04	Molybdenum, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-6	05/26/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-6	06/29/04	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Molybdenum, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-6	06/01/05	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/23/03	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/28/04	Nickel, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-6	05/26/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-6	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/27/05	Nickel, total	SW	0.07		mg/L	0.01	0.05
GTSW-6	06/01/05	Nickel, total	SW	0.06		mg/L	0.01	0.05
GTSW-6	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-6	04/28/04	Nitrate/Nitrite as N	SW	0.21		mg/L	0.02	0.1
GTSW-6	05/26/04	Nitrate/Nitrite as N	SW	0.05	B	mg/L	0.02	0.1
GTSW-6	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-6	04/27/05	Nitrate/Nitrite as N	SW	0.29		mg/L	0.02	0.1
GTSW-6	06/01/05	Nitrate/Nitrite as N	SW	0.07	B	mg/L	0.02	0.1
GTSW-6	06/28/05	Nitrate/Nitrite as N	SW	0.03	B	mg/L	0.02	0.1
GTSW-6	07/21/05	Nitrate/Nitrite as N	SW	0.1		mg/L	0.02	0.1
GTSW-6	04/28/04	Phosphorus, ortho dissolved	SW	0.1		mg/L	0.01	0.05
GTSW-6	05/26/04	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05
GTSW-6	06/29/04	Phosphorus, ortho dissolved	SW	0.05	BH	mg/L	0.01	0.05
GTSW-6	04/27/05	Phosphorus, ortho dissolved	SW	0.08	H	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	06/01/05	Phosphorus, ortho dissolved	SW	0.07	H	mg/L	0.01	0.05
GTSW-6	06/28/05	Phosphorus, ortho dissolved	SW	0.02	BH	mg/L	0.01	0.05
GTSW-6	07/21/05	Phosphorus, ortho dissolved	SW	0.08		mg/L	0.01	0.05
GTSW-6	04/28/04	Potassium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-6	06/29/04	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-6	04/27/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-6	06/01/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-6	06/28/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-6	07/21/05	Potassium, dissolved	SW	0.8	B	mg/L	0.3	1
GTSW-6	06/23/03	Potassium, total	SW	0.9	B	mg/L	0.3	1
GTSW-6	04/27/05	Potassium, total	SW	1.5		mg/L	0.3	1
GTSW-6	06/01/05	Potassium, total	SW	1.8		mg/L	0.3	1
GTSW-6	06/28/05	Potassium, total	SW	0.9	B	mg/L	0.3	1
GTSW-6	07/21/05	Potassium, total	SW	0.8	B	mg/L	0.3	1
GTSW-6	04/27/05	Selenium, dissolved	SW	0.041		mg/L	0.001	0.005
GTSW-6	06/01/05	Selenium, dissolved	SW	0.03		mg/L	0.001	0.005
GTSW-6	06/28/05	Selenium, dissolved	SW	0.019		mg/L	0.001	0.005
GTSW-6	07/21/05	Selenium, dissolved	SW	0.016		mg/L	0.001	0.005
GTSW-6	06/23/03	Selenium, total	SW	0.022		mg/L	0.001	0.005
GTSW-6	04/28/04	Selenium, total	SW	0.05		mg/L	0.001	0.005
GTSW-6	05/26/04	Selenium, total	SW	0.035		mg/L	0.001	0.005
GTSW-6	06/29/04	Selenium, total	SW	0.018		mg/L	0.001	0.005
GTSW-6	04/27/05	Selenium, total	SW	0.046		mg/L	0.002	0.01
GTSW-6	06/01/05	Selenium, total	SW	0.048		mg/L	0.001	0.005
GTSW-6	06/28/05	Selenium, total	SW	0.02		mg/L	0.001	0.005
GTSW-6	07/21/05	Selenium, total	SW	0.016		mg/L	0.001	0.005
GTSW-6	04/27/05	Silver, dissolved	SW	0.00011	B	mg/L	0.00005	0.0003
GTSW-6	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-6	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-6	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-6	06/23/03	Silver, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-6	04/28/04	Silver, total	SW	0.0009		mg/L	0.0001	0.0005
GTSW-6	05/26/04	Silver, total	SW	0.00014	B	mg/L	0.00005	0.0003
GTSW-6	06/29/04	Silver, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-6	04/27/05	Silver, total	SW	0.00154		mg/L	0.00005	0.0003
GTSW-6	06/01/05	Silver, total	SW	0.0015		mg/L	0.0001	0.0005
GTSW-6	06/28/05	Silver, total	SW	0.00005	B	mg/L	0.00005	0.0003
GTSW-6	07/21/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-6	04/28/04	Sodium, dissolved	SW	2.4		mg/L	0.3	1
GTSW-6	06/29/04	Sodium, dissolved	SW	3.3		mg/L	0.3	1
GTSW-6	04/27/05	Sodium, dissolved	SW	0.9	B	mg/L	0.3	1
GTSW-6	06/01/05	Sodium, dissolved	SW	2.7		mg/L	0.3	1
GTSW-6	06/28/05	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-6	07/21/05	Sodium, dissolved	SW	3.5		mg/L	0.3	1
GTSW-6	06/23/03	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-6	04/27/05	Sodium, total	SW	1	B	mg/L	0.3	1
GTSW-6	06/01/05	Sodium, total	SW	2.7		mg/L	0.3	1
GTSW-6	06/28/05	Sodium, total	SW	3.3		mg/L	0.3	1
GTSW-6	07/21/05	Sodium, total	SW	3.4		mg/L	0.3	1
GTSW-6	04/28/04	Sulfate	SW	23.9		mg/L	0.5	3
GTSW-6	05/26/04	Sulfate	SW	18.6		mg/L	0.5	3
GTSW-6	06/29/04	Sulfate	SW	20.5		mg/L	0.5	3
GTSW-6	04/27/05	Sulfate	SW	9.8		mg/L	0.5	3
GTSW-6	06/01/05	Sulfate	SW	14.1		mg/L	0.5	3
GTSW-6	06/28/05	Sulfate	SW	16.5		mg/L	0.5	3
GTSW-6	07/21/05	Sulfate	SW	20.2		mg/L	0.5	3
GTSW-6	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-6	06/01/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-6	06/28/05	Thallium, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-6	07/21/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-6	06/23/03	Thallium, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-6	04/28/04	Thallium, total	SW	0.0005	B	mg/L	0.0001	0.0005
GTSW-6	05/26/04	Thallium, total	SW	0.00014	B	mg/L	0.00005	0.0003
GTSW-6	06/29/04	Thallium, total	SW	0.00011	B	mg/L	0.00005	0.0003
GTSW-6	04/27/05	Thallium, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-6	06/01/05	Thallium, total	SW	0.0011		mg/L	0.0002	0.001
GTSW-6	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-6	07/21/05	Thallium, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-6	04/27/05	Vanadium, dissolved	SW	0.013	B	mg/L	0.005	0.03
GTSW-6	06/01/05	Vanadium, dissolved	SW	0.017	B	mg/L	0.005	0.03
GTSW-6	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-6	07/21/05	Vanadium, dissolved	SW	0.009	B	mg/L	0.005	0.03
GTSW-6	06/23/03	Vanadium, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-6	04/28/04	Vanadium, total	SW	0.141		mg/L	0.005	0.03
GTSW-6	05/26/04	Vanadium, total	SW	0.019	B	mg/L	0.005	0.03
GTSW-6	06/29/04	Vanadium, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-6	04/27/05	Vanadium, total	SW	0.275		mg/L	0.005	0.03
GTSW-6	06/01/05	Vanadium, total	SW	0.269		mg/L	0.005	0.03
GTSW-6	06/28/05	Vanadium, total	SW	0.013	B	mg/L	0.005	0.03
GTSW-6	07/21/05	Vanadium, total	SW	0.01	B	mg/L	0.005	0.03
GTSW-6	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/01/05	Zinc, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-6	06/23/03	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	04/28/04	Zinc, total	SW	0.17		mg/L	0.01	0.05
GTSW-6	05/26/04	Zinc, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-6	06/29/04	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	04/27/05	Zinc, total	SW	0.37		mg/L	0.01	0.05
GTSW-6	06/01/05	Zinc, total	SW	0.36		mg/L	0.01	0.05
GTSW-6	06/28/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-6	07/21/05	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	09/29/04	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-7	11/04/04	Aluminum, dissolved	SW	0.05	B	mg/L	0.03	0.2
GTSW-7	04/27/05	Aluminum, dissolved	SW	0.03	B	mg/L	0.03	0.2
GTSW-7	06/01/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-7	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-7	07/21/05	Aluminum, dissolved	SW	0.14	B	mg/L	0.03	0.2
GTSW-7	10/11/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-7	06/23/03	Aluminum, total	SW	0.06	B	mg/L	0.06	0.3
GTSW-7	04/28/04	Aluminum, total	SW	0.1	B	mg/L	0.03	0.2
GTSW-7	05/26/04	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-7	06/29/04	Aluminum, total	SW	0.09	B	mg/L	0.03	0.2
GTSW-7	07/27/04	Aluminum, total	SW	0.45		mg/L	0.03	0.2
GTSW-7	08/24/04	Aluminum, total	SW	0.87		mg/L	0.03	0.2
GTSW-7	09/29/04	Aluminum, total	SW	0.12	B	mg/L	0.03	0.2
GTSW-7	11/04/04	Aluminum, total	SW	13.4		mg/L	0.03	0.2
GTSW-7	04/27/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-7	06/01/05	Aluminum, total	SW	0.06	B	mg/L	0.03	0.2
GTSW-7	06/28/05	Aluminum, total	SW	0.5		mg/L	0.03	0.2
GTSW-7	07/21/05	Aluminum, total	SW	0.23		mg/L	0.03	0.2
GTSW-7	10/11/05	Aluminum, total	SW	0.07	B	mg/L	0.03	0.2
GTSW-7	09/29/04	Antimony, dissolved	SW	0.0012		mg/L	0.0002	0.001
GTSW-7	11/04/04	Antimony, dissolved	SW	0.0017		mg/L	0.0002	0.001

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	04/27/05	Antimony, dissolved	SW	0.0018	B	mg/L	0.0004	0.002
GTSW-7	06/01/05	Antimony, dissolved	SW	0.0017	B	mg/L	0.0004	0.002
GTSW-7	06/28/05	Antimony, dissolved	SW	0.0016	B	mg/L	0.0004	0.002
GTSW-7	07/21/05	Antimony, dissolved	SW	0.0015	B	mg/L	0.0004	0.002
GTSW-7	10/11/05	Antimony, dissolved	SW	0.0016	B	mg/L	0.0004	0.002
GTSW-7	06/23/03	Antimony, total	SW	0.0018		mg/L	0.0002	0.001
GTSW-7	04/28/04	Antimony, total	SW	0.0024		mg/L	0.0002	0.001
GTSW-7	05/26/04	Antimony, total	SW	0.002		mg/L	0.0002	0.001
GTSW-7	06/29/04	Antimony, total	SW	0.0014		mg/L	0.0002	0.001
GTSW-7	07/27/04	Antimony, total	SW	0.0013		mg/L	0.0002	0.001
GTSW-7	08/24/04	Antimony, total	SW	0.0014		mg/L	0.0002	0.001
GTSW-7	09/29/04	Antimony, total	SW	0.001		mg/L	0.0002	0.001
GTSW-7	11/04/04	Antimony, total	SW	0.0067		mg/L	0.0002	0.001
GTSW-7	04/27/05	Antimony, total	SW	0.0013	B	mg/L	0.0004	0.002
GTSW-7	06/01/05	Antimony, total	SW	0.0015	B	mg/L	0.0004	0.002
GTSW-7	06/28/05	Antimony, total	SW	0.0016	B	mg/L	0.0004	0.002
GTSW-7	07/21/05	Antimony, total	SW	0.0014	B	mg/L	0.0004	0.002
GTSW-7	10/11/05	Antimony, total	SW	0.0014	B	mg/L	0.0004	0.002
GTSW-7	09/29/04	Arsenic, dissolved	SW	0.0072		mg/L	0.0005	0.003
GTSW-7	11/04/04	Arsenic, dissolved	SW	0.01		mg/L	0.0005	0.003
GTSW-7	04/27/05	Arsenic, dissolved	SW	0.006		mg/L	0.0005	0.003
GTSW-7	06/01/05	Arsenic, dissolved	SW	0.0098		mg/L	0.0005	0.003
GTSW-7	06/28/05	Arsenic, dissolved	SW	0.0106		mg/L	0.0005	0.003
GTSW-7	07/21/05	Arsenic, dissolved	SW	0.0122		mg/L	0.0005	0.003
GTSW-7	10/11/05	Arsenic, dissolved	SW	0.0113		mg/L	0.0005	0.003
GTSW-7	06/23/03	Arsenic, total	SW	0.0117		mg/L	0.0001	0.0005
GTSW-7	04/28/04	Arsenic, total	SW	0.0157		mg/L	0.0001	0.0005
GTSW-7	05/26/04	Arsenic, total	SW	0.0142		mg/L	0.0001	0.0005
GTSW-7	06/29/04	Arsenic, total	SW	0.0096		mg/L	0.0005	0.003
GTSW-7	07/27/04	Arsenic, total	SW	0.008		mg/L	0.0005	0.003
GTSW-7	08/24/04	Arsenic, total	SW	0.0081		mg/L	0.0005	0.003
GTSW-7	09/29/04	Arsenic, total	SW	0.0064		mg/L	0.0005	0.003
GTSW-7	11/04/04	Arsenic, total	SW	0.0223		mg/L	0.0005	0.003
GTSW-7	04/27/05	Arsenic, total	SW	0.0059		mg/L	0.0005	0.003
GTSW-7	06/01/05	Arsenic, total	SW	0.009		mg/L	0.0005	0.003
GTSW-7	06/28/05	Arsenic, total	SW	0.0106		mg/L	0.0005	0.003
GTSW-7	07/21/05	Arsenic, total	SW	0.0118		mg/L	0.0005	0.003
GTSW-7	10/11/05	Arsenic, total	SW	0.0109		mg/L	0.0005	0.003
GTSW-7	09/29/04	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	11/04/04	Barium, dissolved	SW	0.004	B	mg/L	0.003	0.01
GTSW-7	04/27/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	06/01/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	06/28/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	07/21/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	10/11/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
GTSW-7	06/23/03	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	04/28/04	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	05/26/04	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	06/29/04	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	07/27/04	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	08/24/04	Barium, total	SW	0.005	B	mg/L	0.003	0.01
GTSW-7	09/29/04	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	11/04/04	Barium, total	SW	0.052		mg/L	0.003	0.01
GTSW-7	04/27/05	Barium, total	SW	0.004	B	mg/L	0.003	0.01
GTSW-7	06/01/05	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	06/28/05	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	07/21/05	Barium, total	SW	0.003	B	mg/L	0.003	0.01

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	10/11/05	Barium, total	SW		U	mg/L	0.003	0.01
GTSW-7	09/29/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	11/04/04	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	04/27/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	06/01/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	07/21/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	10/11/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-7	06/23/03	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	04/28/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	05/26/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	06/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	07/27/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	08/24/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	09/29/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	11/04/04	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	04/27/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	06/01/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	07/21/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	10/11/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-7	04/28/04	Bicarbonate as CaCO3	SW	84		mg/L	2	10
GTSW-7	05/26/04	Bicarbonate as CaCO3	SW	88		mg/L	2	10
GTSW-7	06/29/04	Bicarbonate as CaCO3	SW	79		mg/L	2	10
GTSW-7	07/27/04	Bicarbonate as CaCO3	SW	87		mg/L	2	10
GTSW-7	08/24/04	Bicarbonate as CaCO3	SW	86		mg/L	2	10
GTSW-7	09/29/04	Bicarbonate as CaCO3	SW	93		mg/L	2	10
GTSW-7	11/04/04	Bicarbonate as CaCO3	SW	91	H	mg/L	2	10
GTSW-7	04/27/05	Bicarbonate as CaCO3	SW	31	H	mg/L	2	10
GTSW-7	06/01/05	Bicarbonate as CaCO3	SW	82		mg/L	2	10
GTSW-7	06/28/05	Bicarbonate as CaCO3	SW	87	H	mg/L	2	10
GTSW-7	07/21/05	Bicarbonate as CaCO3	SW	88		mg/L	2	10
GTSW-7	10/11/05	Bicarbonate as CaCO3	SW	100		mg/L	2	20
GTSW-7	09/29/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	11/04/04	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	04/27/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	06/01/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	07/21/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	10/11/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-7	06/23/03	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	04/28/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	05/26/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	06/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	07/27/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	08/24/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	09/29/04	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	11/04/04	Cadmium, total	SW	0.029		mg/L	0.005	0.02
GTSW-7	04/27/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	06/01/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	07/21/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	10/11/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-7	04/28/04	Calcium, dissolved	SW	29.9		mg/L	0.2	1
GTSW-7	06/29/04	Calcium, dissolved	SW	28.5		mg/L	0.2	1
GTSW-7	07/27/04	Calcium, dissolved	SW	27.7		mg/L	0.2	1
GTSW-7	08/24/04	Calcium, dissolved	SW	29.6		mg/L	0.2	1

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	09/29/04	Calcium, dissolved	SW	30		mg/L	0.2	1
GTSW-7	11/04/04	Calcium, dissolved	SW	31.7		mg/L	0.2	1
GTSW-7	04/27/05	Calcium, dissolved	SW	13.5		mg/L	0.2	1
GTSW-7	06/01/05	Calcium, dissolved	SW	29.8		mg/L	0.2	1
GTSW-7	06/28/05	Calcium, dissolved	SW	31.8		mg/L	0.2	1
GTSW-7	07/21/05	Calcium, dissolved	SW	34		mg/L	0.2	1
GTSW-7	10/11/05	Calcium, dissolved	SW	39.8		mg/L	0.2	1
GTSW-7	06/23/03	Calcium, total	SW	33.4		mg/L	0.2	1
GTSW-7	09/29/04	Calcium, total	SW	31		mg/L	0.2	1
GTSW-7	11/04/04	Calcium, total	SW	80.3		mg/L	0.2	1
GTSW-7	04/27/05	Calcium, total	SW	15		mg/L	0.2	1
GTSW-7	06/01/05	Calcium, total	SW	31		mg/L	0.2	1
GTSW-7	06/28/05	Calcium, total	SW	34.2		mg/L	0.2	1
GTSW-7	07/21/05	Calcium, total	SW	35.3		mg/L	0.2	1
GTSW-7	10/11/05	Calcium, total	SW	38.9		mg/L	0.2	1
GTSW-7	04/28/04	Chloride	SW	2	B	mg/L	1	5
GTSW-7	05/26/04	Chloride	SW	2	B	mg/L	1	5
GTSW-7	06/29/04	Chloride	SW		U	mg/L	1	5
GTSW-7	07/27/04	Chloride	SW		U	mg/L	1	5
GTSW-7	08/24/04	Chloride	SW		U	mg/L	1	5
GTSW-7	09/29/04	Chloride	SW	1	B	mg/L	1	5
GTSW-7	11/04/04	Chloride	SW	1	B	mg/L	1	5
GTSW-7	04/27/05	Chloride	SW	1	B	mg/L	1	5
GTSW-7	06/01/05	Chloride	SW	1	B	mg/L	1	5
GTSW-7	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-7	07/21/05	Chloride	SW	1	B	mg/L	1	5
GTSW-7	10/11/05	Chloride	SW		U	mg/L	1	5
GTSW-7	09/29/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	04/27/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	07/21/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	10/11/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/23/03	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	04/28/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	05/26/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	07/27/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	08/24/04	Chromium, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	09/29/04	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Chromium, total	SW	0.4		mg/L	0.01	0.05
GTSW-7	04/27/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Chromium, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	10/11/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-7	09/29/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	04/27/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	07/21/05	Copper, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	10/11/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/23/03	Copper, total	SW		U	mg/L	0.02	0.1
GTSW-7	04/28/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	05/26/04	Copper, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	06/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	07/27/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	08/24/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	09/29/04	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Copper, total	SW	0.06		mg/L	0.01	0.05
GTSW-7	04/27/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	07/21/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	10/11/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-7	04/28/04	Fluoride	SW	9.8		mg/L	0.1	0.5
GTSW-7	05/26/04	Fluoride	SW	10.5		mg/L	0.2	1
GTSW-7	06/29/04	Fluoride	SW	11.8		mg/L	0.2	1
GTSW-7	07/27/04	Fluoride	SW	12		mg/L	0.2	1
GTSW-7	08/24/04	Fluoride	SW	13.6		mg/L	0.5	3
GTSW-7	09/29/04	Fluoride	SW	14.4		mg/L	0.2	1
GTSW-7	11/04/04	Fluoride	SW	13.4		mg/L	0.2	1
GTSW-7	04/27/05	Fluoride	SW	4.6		mg/L	0.1	0.5
GTSW-7	06/01/05	Fluoride	SW	8.8		mg/L	0.1	0.5
GTSW-7	06/28/05	Fluoride	SW	9.7		mg/L	0.1	0.5
GTSW-7	07/21/05	Fluoride	SW	10.9		mg/L	0.1	0.5
GTSW-7	10/11/05	Fluoride	SW	12.9		mg/L	0.1	0.5
GTSW-7	04/28/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	05/26/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	06/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	07/27/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	08/24/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	09/29/04	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	11/04/04	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-7	04/27/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-7	06/01/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	06/28/05	Hydroxide as CaCO3	SW		UH	mg/L	2	10
GTSW-7	07/21/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-7	10/11/05	Hydroxide as CaCO3	SW		U	mg/L	2	20
GTSW-7	09/29/04	Iron, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	11/04/04	Iron, dissolved	SW	0.04	B	mg/L	0.01	0.05
GTSW-7	04/27/05	Iron, dissolved	SW	0.07		mg/L	0.01	0.05
GTSW-7	06/01/05	Iron, dissolved	SW	0.14		mg/L	0.01	0.05
GTSW-7	06/28/05	Iron, dissolved	SW	0.1		mg/L	0.02	0.05
GTSW-7	07/21/05	Iron, dissolved	SW	0.09		mg/L	0.02	0.05
GTSW-7	10/11/05	Iron, dissolved	SW	0.05		mg/L	0.02	0.05
GTSW-7	06/23/03	Iron, total	SW	0.9		mg/L	0.01	0.05
GTSW-7	04/28/04	Iron, total	SW	1.35		mg/L	0.01	0.05
GTSW-7	05/26/04	Iron, total	SW	0.67		mg/L	0.01	0.05
GTSW-7	06/29/04	Iron, total	SW	1.04		mg/L	0.01	0.05
GTSW-7	07/27/04	Iron, total	SW	1.33		mg/L	0.01	0.05
GTSW-7	08/24/04	Iron, total	SW	2.58		mg/L	0.01	0.05
GTSW-7	09/29/04	Iron, total	SW	0.31		mg/L	0.01	0.05
GTSW-7	11/04/04	Iron, total	SW	14.5		mg/L	0.01	0.05
GTSW-7	04/27/05	Iron, total	SW	0.37		mg/L	0.01	0.05
GTSW-7	06/01/05	Iron, total	SW	0.85		mg/L	0.01	0.05
GTSW-7	06/28/05	Iron, total	SW	1.21		mg/L	0.01	0.05
GTSW-7	07/21/05	Iron, total	SW	1.2		mg/L	0.02	0.05
GTSW-7	10/11/05	Iron, total	SW	0.82		mg/L	0.02	0.05
GTSW-7	09/29/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	11/04/04	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	04/27/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	06/01/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	07/21/05	Lead, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	10/11/05	Lead, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-7	06/23/03	Lead, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-7	04/28/04	Lead, total	SW	0.0004	B	mg/L	0.0001	0.0005
GTSW-7	05/26/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	06/29/04	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	07/27/04	Lead, total	SW	0.0008		mg/L	0.0001	0.0005
GTSW-7	08/24/04	Lead, total	SW	0.0017		mg/L	0.0001	0.0005
GTSW-7	09/29/04	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-7	11/04/04	Lead, total	SW	0.0111		mg/L	0.0001	0.0005
GTSW-7	04/27/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/01/05	Lead, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	06/28/05	Lead, total	SW	0.0007		mg/L	0.0001	0.0005
GTSW-7	07/21/05	Lead, total	SW	0.0041		mg/L	0.0001	0.0005
GTSW-7	10/11/05	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-7	04/28/04	Magnesium, dissolved	SW	6.9		mg/L	0.2	1
GTSW-7	06/29/04	Magnesium, dissolved	SW	7.3		mg/L	0.2	1
GTSW-7	07/27/04	Magnesium, dissolved	SW	7.2		mg/L	0.2	1
GTSW-7	08/24/04	Magnesium, dissolved	SW	7.8		mg/L	0.2	1
GTSW-7	09/29/04	Magnesium, dissolved	SW	8		mg/L	0.2	1
GTSW-7	11/04/04	Magnesium, dissolved	SW	8.1		mg/L	0.2	1
GTSW-7	04/27/05	Magnesium, dissolved	SW	2.5		mg/L	0.2	1
GTSW-7	06/01/05	Magnesium, dissolved	SW	6.3		mg/L	0.2	1
GTSW-7	06/28/05	Magnesium, dissolved	SW	6.9		mg/L	0.2	1
GTSW-7	07/21/05	Magnesium, dissolved	SW	7.5		mg/L	0.2	1
GTSW-7	10/11/05	Magnesium, dissolved	SW	9.3		mg/L	0.2	1
GTSW-7	06/23/03	Magnesium, total	SW	7		mg/L	0.2	1
GTSW-7	09/29/04	Magnesium, total	SW	8.1		mg/L	0.2	1
GTSW-7	11/04/04	Magnesium, total	SW	13.3		mg/L	0.2	1
GTSW-7	04/27/05	Magnesium, total	SW	2.8		mg/L	0.2	1
GTSW-7	06/01/05	Magnesium, total	SW	6.4		mg/L	0.2	1
GTSW-7	06/28/05	Magnesium, total	SW	7.1		mg/L	0.2	1
GTSW-7	07/21/05	Magnesium, total	SW	7.5		mg/L	0.2	1
GTSW-7	10/11/05	Magnesium, total	SW	8.7		mg/L	0.2	1
GTSW-7	09/29/04	Manganese, dissolved	SW	0.007	B	mg/L	0.005	0.03
GTSW-7	11/04/04	Manganese, dissolved	SW	0.02	B	mg/L	0.005	0.03
GTSW-7	04/27/05	Manganese, dissolved	SW	0.069		mg/L	0.005	0.03
GTSW-7	06/01/05	Manganese, dissolved	SW	0.022	B	mg/L	0.005	0.03
GTSW-7	06/28/05	Manganese, dissolved	SW	0.022	B	mg/L	0.005	0.03
GTSW-7	07/21/05	Manganese, dissolved	SW	0.018	B	mg/L	0.005	0.03
GTSW-7	10/11/05	Manganese, dissolved	SW	0.022	B	mg/L	0.005	0.03
GTSW-7	06/23/03	Manganese, total	SW	0.028	B	mg/L	0.005	0.03
GTSW-7	04/28/04	Manganese, total	SW	0.079		mg/L	0.005	0.03
GTSW-7	05/26/04	Manganese, total	SW	0.03	B	mg/L	0.005	0.03
GTSW-7	06/29/04	Manganese, total	SW	0.024	B	mg/L	0.005	0.03
GTSW-7	07/27/04	Manganese, total	SW	0.064		mg/L	0.005	0.03
GTSW-7	08/24/04	Manganese, total	SW	0.212		mg/L	0.005	0.03
GTSW-7	09/29/04	Manganese, total	SW	0.022	B	mg/L	0.005	0.03
GTSW-7	11/04/04	Manganese, total	SW	0.457		mg/L	0.005	0.03
GTSW-7	04/27/05	Manganese, total	SW	0.079		mg/L	0.005	0.03
GTSW-7	06/01/05	Manganese, total	SW	0.025	B	mg/L	0.005	0.03
GTSW-7	06/28/05	Manganese, total	SW	0.068		mg/L	0.005	0.03
GTSW-7	07/21/05	Manganese, total	SW	0.095		mg/L	0.005	0.03
GTSW-7	10/11/05	Manganese, total	SW	0.111		mg/L	0.005	0.03
GTSW-7	09/29/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	11/04/04	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-7	04/27/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-7	06/01/05	Mercury, dissolved	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-7	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-7	07/21/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-7	10/11/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-7	04/28/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	05/26/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	06/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	07/27/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	08/24/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	09/29/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	11/04/04	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	04/27/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	06/01/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	07/21/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	10/11/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-7	09/29/04	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Molybdenum, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	04/27/05	Molybdenum, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	06/01/05	Molybdenum, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	06/28/05	Molybdenum, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Molybdenum, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	10/11/05	Molybdenum, dissolved	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	06/23/03	Molybdenum, total	SW	0.54		mg/L	0.02	0.1
GTSW-7	04/28/04	Molybdenum, total	SW	0.05		mg/L	0.01	0.05
GTSW-7	05/26/04	Molybdenum, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-7	06/29/04	Molybdenum, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	07/27/04	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	08/24/04	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	09/29/04	Molybdenum, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	11/04/04	Molybdenum, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-7	04/27/05	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	06/01/05	Molybdenum, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	06/28/05	Molybdenum, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Molybdenum, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	10/11/05	Molybdenum, total	SW	0.04	B	mg/L	0.01	0.05
GTSW-7	09/29/04	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	11/04/04	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	04/27/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	06/28/05	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	10/11/05	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	06/23/03	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	04/28/04	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	05/26/04	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	06/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-7	07/27/04	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	08/24/04	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	09/29/04	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Nickel, total	SW	0.14		mg/L	0.01	0.05
GTSW-7	04/27/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	06/28/05	Nickel, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Nickel, total	SW	0.01	B	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	10/11/05	Nickel, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	04/28/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	05/26/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	06/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	07/27/04	Nitrate/Nitrite as N	SW	0.02	B	mg/L	0.02	0.1
GTSW-7	08/24/04	Nitrate/Nitrite as N	SW	0.02	B	mg/L	0.02	0.1
GTSW-7	09/29/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	11/04/04	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	04/27/05	Nitrate/Nitrite as N	SW	0.05	B	mg/L	0.02	0.1
GTSW-7	06/01/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	06/28/05	Nitrate/Nitrite as N	SW	0.46		mg/L	0.02	0.1
GTSW-7	07/21/05	Nitrate/Nitrite as N	SW	1.67		mg/L	0.02	0.1
GTSW-7	10/11/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-7	04/28/04	Phosphorus, ortho dissolved	SW	4.9		mg/L	0.1	0.5
GTSW-7	05/26/04	Phosphorus, ortho dissolved	SW	4.9	H	mg/L	0.1	0.5
GTSW-7	06/29/04	Phosphorus, ortho dissolved	SW	3.23	H	mg/L	0.05	0.3
GTSW-7	07/27/04	Phosphorus, ortho dissolved	SW	2.75	H	mg/L	0.03	0.2
GTSW-7	08/24/04	Phosphorus, ortho dissolved	SW	2.53	H	mg/L	0.03	0.2
GTSW-7	09/29/04	Phosphorus, ortho dissolved	SW	2.18	H	mg/L	0.05	0.3
GTSW-7	11/04/04	Phosphorus, ortho dissolved	SW	3.08	H	mg/L	0.05	0.3
GTSW-7	04/27/05	Phosphorus, ortho dissolved	SW	2.43	H	mg/L	0.03	0.2
GTSW-7	06/01/05	Phosphorus, ortho dissolved	SW	3.9	H	mg/L	0.1	0.5
GTSW-7	06/28/05	Phosphorus, ortho dissolved	SW	5.1	H	mg/L	0.2	1
GTSW-7	07/21/05	Phosphorus, ortho dissolved	SW	5.5		mg/L	0.1	0.5
GTSW-7	10/11/05	Phosphorus, ortho dissolved	SW	4.9	H	mg/L	0.2	1
GTSW-7	04/28/04	Potassium, dissolved	SW	15.1		mg/L	0.3	1
GTSW-7	06/29/04	Potassium, dissolved	SW	13.1		mg/L	0.3	1
GTSW-7	07/27/04	Potassium, dissolved	SW	11.3		mg/L	0.3	1
GTSW-7	08/24/04	Potassium, dissolved	SW	11.9		mg/L	0.3	1
GTSW-7	09/29/04	Potassium, dissolved	SW	11.3		mg/L	0.3	1
GTSW-7	11/04/04	Potassium, dissolved	SW	12.4		mg/L	0.3	1
GTSW-7	04/27/05	Potassium, dissolved	SW	4.8		mg/L	0.3	1
GTSW-7	06/01/05	Potassium, dissolved	SW	11.1		mg/L	0.3	1
GTSW-7	06/28/05	Potassium, dissolved	SW	11.9		mg/L	0.3	1
GTSW-7	07/21/05	Potassium, dissolved	SW	10.8		mg/L	0.3	1
GTSW-7	10/11/05	Potassium, dissolved	SW	11.8		mg/L	0.3	1
GTSW-7	06/23/03	Potassium, total	SW	14		mg/L	0.3	1
GTSW-7	09/29/04	Potassium, total	SW	11.6		mg/L	0.3	1
GTSW-7	11/04/04	Potassium, total	SW	17		mg/L	0.3	1
GTSW-7	04/27/05	Potassium, total	SW	5.2		mg/L	0.3	1
GTSW-7	06/01/05	Potassium, total	SW	11.5		mg/L	0.3	1
GTSW-7	06/28/05	Potassium, total	SW	12.2		mg/L	0.3	1
GTSW-7	07/21/05	Potassium, total	SW	10.8		mg/L	0.3	1
GTSW-7	10/11/05	Potassium, total	SW	10.5		mg/L	0.3	1
GTSW-7	09/29/04	Selenium, dissolved	SW	0.003	B	mg/L	0.001	0.005
GTSW-7	11/04/04	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-7	04/27/05	Selenium, dissolved	SW	0.015		mg/L	0.001	0.005
GTSW-7	06/01/05	Selenium, dissolved	SW	0.008		mg/L	0.001	0.005
GTSW-7	06/28/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-7	07/21/05	Selenium, dissolved	SW	0.006		mg/L	0.001	0.005
GTSW-7	10/11/05	Selenium, dissolved	SW	0.004	B	mg/L	0.001	0.005
GTSW-7	06/23/03	Selenium, total	SW	0.009		mg/L	0.001	0.005
GTSW-7	04/28/04	Selenium, total	SW	0.02		mg/L	0.001	0.005
GTSW-7	05/26/04	Selenium, total	SW	0.01		mg/L	0.001	0.005
GTSW-7	06/29/04	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-7	07/27/04	Selenium, total	SW	0.006		mg/L	0.001	0.005
GTSW-7	08/24/04	Selenium, total	SW	0.006		mg/L	0.001	0.005

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	09/29/04	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-7	11/04/04	Selenium, total	SW	0.047		mg/L	0.002	0.01
GTSW-7	04/27/05	Selenium, total	SW	0.017		mg/L	0.001	0.005
GTSW-7	06/01/05	Selenium, total	SW	0.009		mg/L	0.001	0.005
GTSW-7	06/28/05	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-7	07/21/05	Selenium, total	SW	0.007		mg/L	0.001	0.005
GTSW-7	10/11/05	Selenium, total	SW	0.004	B	mg/L	0.001	0.005
GTSW-7	09/29/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	11/04/04	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	04/27/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/01/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	07/21/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	10/11/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/23/03	Silver, total	SW	0.00006	B	mg/L	0.00005	0.0003
GTSW-7	04/28/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	05/26/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	07/27/04	Silver, total	SW	0.00017	B	mg/L	0.00005	0.0003
GTSW-7	08/24/04	Silver, total	SW	0.00031		mg/L	0.00005	0.0003
GTSW-7	09/29/04	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	11/04/04	Silver, total	SW	0.00349		mg/L	0.00005	0.0003
GTSW-7	04/27/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/01/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	06/28/05	Silver, total	SW	0.00018	B	mg/L	0.00005	0.0003
GTSW-7	07/21/05	Silver, total	SW	0.00012	B	mg/L	0.00005	0.0003
GTSW-7	10/11/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	04/28/04	Sodium, dissolved	SW	3.4		mg/L	0.3	1
GTSW-7	06/29/04	Sodium, dissolved	SW	3.4		mg/L	0.3	1
GTSW-7	07/27/04	Sodium, dissolved	SW	3.8		mg/L	0.3	1
GTSW-7	08/24/04	Sodium, dissolved	SW	4.3		mg/L	0.3	1
GTSW-7	09/29/04	Sodium, dissolved	SW	4.1		mg/L	0.3	1
GTSW-7	11/04/04	Sodium, dissolved	SW	4.1		mg/L	0.3	1
GTSW-7	04/27/05	Sodium, dissolved	SW	1.1		mg/L	0.3	1
GTSW-7	06/01/05	Sodium, dissolved	SW	2.7		mg/L	0.3	1
GTSW-7	06/28/05	Sodium, dissolved	SW	2.9		mg/L	0.3	1
GTSW-7	07/21/05	Sodium, dissolved	SW	3.3		mg/L	0.3	1
GTSW-7	10/11/05	Sodium, dissolved	SW	3.9		mg/L	0.3	1
GTSW-7	06/23/03	Sodium, total	SW	3.5		mg/L	0.3	1
GTSW-7	09/29/04	Sodium, total	SW	4.2		mg/L	0.3	1
GTSW-7	11/04/04	Sodium, total	SW	4.7		mg/L	0.3	1
GTSW-7	04/27/05	Sodium, total	SW	1.4		mg/L	0.3	1
GTSW-7	06/01/05	Sodium, total	SW	2.8		mg/L	0.3	1
GTSW-7	06/28/05	Sodium, total	SW	2.9		mg/L	0.3	1
GTSW-7	07/21/05	Sodium, total	SW	3.2		mg/L	0.3	1
GTSW-7	10/11/05	Sodium, total	SW	4		mg/L	0.3	1
GTSW-7	04/28/04	Sulfate	SW	6		mg/L	1	5
GTSW-7	05/26/04	Sulfate	SW	5.7		mg/L	0.5	3
GTSW-7	06/29/04	Sulfate	SW	3.7		mg/L	0.5	3
GTSW-7	07/27/04	Sulfate	SW	2.4	B	mg/L	0.5	3
GTSW-7	08/24/04	Sulfate	SW		U	mg/L	5	30
GTSW-7	09/29/04	Sulfate	SW	2.1	BH	mg/L	0.5	3
GTSW-7	11/04/04	Sulfate	SW	2.4	BH	mg/L	0.5	3
GTSW-7	04/27/05	Sulfate	SW	1.2	B	mg/L	0.5	3
GTSW-7	06/01/05	Sulfate	SW	2	B	mg/L	0.5	3
GTSW-7	06/28/05	Sulfate	SW	1.2	B	mg/L	0.5	3
GTSW-7	07/21/05	Sulfate	SW	7.9		mg/L	0.5	3

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	10/11/05	Sulfate	SW	0.7	B	mg/L	0.5	3
GTSW-7	09/29/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	11/04/04	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	04/27/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/01/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/28/05	Thallium, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	07/21/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-7	10/11/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/23/03	Thallium, total	SW	0.0001	B	mg/L	0.00005	0.0003
GTSW-7	04/28/04	Thallium, total	SW	0.00011	B	mg/L	0.00005	0.0003
GTSW-7	05/26/04	Thallium, total	SW	0.00008	B	mg/L	0.00005	0.0003
GTSW-7	06/29/04	Thallium, total	SW		U	mg/L	0.00005	0.0003
GTSW-7	07/27/04	Thallium, total	SW	0.00013	B	mg/L	0.00005	0.0003
GTSW-7	08/24/04	Thallium, total	SW	0.00016	B	mg/L	0.00005	0.0003
GTSW-7	09/29/04	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	11/04/04	Thallium, total	SW	0.0017	B	mg/L	0.0005	0.003
GTSW-7	04/27/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-7	06/01/05	Thallium, total	SW	0.001		mg/L	0.0001	0.0005
GTSW-7	06/28/05	Thallium, total	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-7	07/21/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-7	10/11/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-7	09/29/04	Vanadium, dissolved	SW	0.012	B	mg/L	0.005	0.03
GTSW-7	11/04/04	Vanadium, dissolved	SW	0.037		mg/L	0.005	0.03
GTSW-7	04/27/05	Vanadium, dissolved	SW	0.066		mg/L	0.005	0.03
GTSW-7	06/01/05	Vanadium, dissolved	SW	0.051		mg/L	0.005	0.03
GTSW-7	06/28/05	Vanadium, dissolved	SW	0.038		mg/L	0.005	0.03
GTSW-7	07/21/05	Vanadium, dissolved	SW	0.023	B	mg/L	0.005	0.03
GTSW-7	10/11/05	Vanadium, dissolved	SW	0.025	B	mg/L	0.005	0.03
GTSW-7	06/23/03	Vanadium, total	SW	0.054		mg/L	0.005	0.03
GTSW-7	04/28/04	Vanadium, total	SW	0.112		mg/L	0.005	0.03
GTSW-7	05/26/04	Vanadium, total	SW	0.067		mg/L	0.005	0.03
GTSW-7	06/29/04	Vanadium, total	SW	0.034		mg/L	0.005	0.03
GTSW-7	07/27/04	Vanadium, total	SW	0.027	B	mg/L	0.005	0.03
GTSW-7	08/24/04	Vanadium, total	SW	0.043		mg/L	0.005	0.03
GTSW-7	09/29/04	Vanadium, total	SW	0.017	B	mg/L	0.005	0.03
GTSW-7	11/04/04	Vanadium, total	SW	0.548		mg/L	0.005	0.03
GTSW-7	04/27/05	Vanadium, total	SW	0.072		mg/L	0.005	0.03
GTSW-7	06/01/05	Vanadium, total	SW	0.053		mg/L	0.005	0.03
GTSW-7	06/28/05	Vanadium, total	SW	0.057		mg/L	0.005	0.03
GTSW-7	07/21/05	Vanadium, total	SW	0.028	B	mg/L	0.005	0.03
GTSW-7	10/11/05	Vanadium, total	SW	0.023	B	mg/L	0.005	0.03
GTSW-7	09/29/04	Zinc, dissolved	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	11/04/04	Zinc, dissolved	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	04/27/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/01/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	07/21/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	10/11/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-7	06/23/03	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	04/28/04	Zinc, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-7	05/26/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-7	07/27/04	Zinc, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	08/24/04	Zinc, total	SW	0.07		mg/L	0.01	0.05
GTSW-7	09/29/04	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-7	11/04/04	Zinc, total	SW	0.73		mg/L	0.01	0.05
GTSW-7	04/27/05	Zinc, total	SW	0.04	B	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-7	06/01/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-7	06/28/05	Zinc, total	SW	0.03	B	mg/L	0.01	0.05
GTSW-7	07/21/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05
GTSW-7	10/11/05	Zinc, total	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-8	06/28/05	Aluminum, total	SW	0.11	B	mg/L	0.03	0.2
GTSW-8	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-8	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-8	06/28/05	Arsenic, dissolved	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-8	06/28/05	Arsenic, total	SW	0.0006	B	mg/L	0.0005	0.003
GTSW-8	06/28/05	Barium, dissolved	SW	0.053		mg/L	0.003	0.01
GTSW-8	06/28/05	Barium, total	SW	0.058		mg/L	0.003	0.01
GTSW-8	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-8	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-8	06/28/05	Bicarbonate as CaCO3	SW	237		mg/L	2	10
GTSW-8	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-8	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-8	06/28/05	Calcium, dissolved	SW	71.8		mg/L	0.2	1
GTSW-8	06/28/05	Calcium, total	SW	69.6		mg/L	0.2	1
GTSW-8	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-8	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Fluoride	SW	0.8		mg/L	0.1	0.5
GTSW-8	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-8	06/28/05	Iron, dissolved	SW		U	mg/L	0.02	0.05
GTSW-8	06/28/05	Iron, total	SW	0.09		mg/L	0.01	0.05
GTSW-8	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-8	06/28/05	Lead, total	SW	0.0003	B	mg/L	0.0001	0.0005
GTSW-8	06/28/05	Magnesium, dissolved	SW	18.3		mg/L	0.2	1
GTSW-8	06/28/05	Magnesium, total	SW	17.7		mg/L	0.2	1
GTSW-8	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-8	06/28/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-8	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-8	06/28/05	Mercury, total	SW		U	mg/L	0.0002	0.001
GTSW-8	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-8	06/28/05	Phosphorus, ortho dissolved	SW	0.11	H	mg/L	0.01	0.05
GTSW-8	06/28/05	Potassium, dissolved	SW	0.7	B	mg/L	0.3	1
GTSW-8	06/28/05	Potassium, total	SW	0.6	B	mg/L	0.3	1
GTSW-8	06/28/05	Selenium, dissolved	SW		U	mg/L	0.001	0.005
GTSW-8	06/28/05	Selenium, total	SW		U	mg/L	0.001	0.005
GTSW-8	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-8	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-8	06/28/05	Sodium, dissolved	SW	3.1		mg/L	0.3	1
GTSW-8	06/28/05	Sodium, total	SW	3.1		mg/L	0.3	1
GTSW-8	06/28/05	Sulfate	SW	5.8		mg/L	0.5	3
GTSW-8	06/28/05	Thallium, dissolved	SW	0.0001	B	mg/L	0.0001	0.0005
GTSW-8	06/28/05	Thallium, total	SW		U	mg/L	0.0001	0.0005
GTSW-8	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-8	06/28/05	Vanadium, total	SW	0.006	B	mg/L	0.005	0.03
GTSW-8	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-8	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
GTSW-9	06/28/05	Aluminum, dissolved	SW		U	mg/L	0.03	0.2
GTSW-9	06/28/05	Aluminum, total	SW		U	mg/L	0.03	0.2
GTSW-9	06/28/05	Antimony, dissolved	SW		U	mg/L	0.0004	0.002
GTSW-9	06/28/05	Antimony, total	SW		U	mg/L	0.0004	0.002
GTSW-9	06/28/05	Arsenic, dissolved	SW		U	mg/L	0.0005	0.003
GTSW-9	06/28/05	Arsenic, total	SW		U	mg/L	0.0005	0.003
GTSW-9	06/28/05	Barium, dissolved	SW	0.065		mg/L	0.003	0.01
GTSW-9	06/28/05	Barium, total	SW	0.065		mg/L	0.003	0.01
GTSW-9	06/28/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
GTSW-9	06/28/05	Beryllium, total	SW		U	mg/L	0.002	0.01
GTSW-9	06/28/05	Bicarbonate as CaCO3	SW	240		mg/L	2	10
GTSW-9	06/28/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
GTSW-9	06/28/05	Cadmium, total	SW		U	mg/L	0.005	0.02
GTSW-9	06/28/05	Calcium, dissolved	SW	65		mg/L	0.2	1
GTSW-9	06/28/05	Calcium, total	SW	66.5		mg/L	0.2	1
GTSW-9	06/28/05	Chloride	SW	1	B	mg/L	1	5
GTSW-9	06/28/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Chromium, total	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Copper, total	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Fluoride	SW	0.5		mg/L	0.1	0.5
GTSW-9	06/28/05	Hydroxide as CaCO3	SW		U	mg/L	2	10
GTSW-9	06/28/05	Iron, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Iron, total	SW	0.01	B	mg/L	0.01	0.05
GTSW-9	06/28/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
GTSW-9	06/28/05	Lead, total	SW		U	mg/L	0.0001	0.0005
GTSW-9	06/28/05	Magnesium, dissolved	SW	21.4		mg/L	0.2	1
GTSW-9	06/28/05	Magnesium, total	SW	22.1		mg/L	0.2	1
GTSW-9	06/28/05	Manganese, dissolved	SW		U	mg/L	0.005	0.03
GTSW-9	06/28/05	Manganese, total	SW		U	mg/L	0.005	0.03
GTSW-9	06/28/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
GTSW-9	06/28/05	Mercury, total	SW	0.0002	B	mg/L	0.0002	0.001
GTSW-9	06/28/05	Molybdenum, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Molybdenum, total	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Nickel, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Nickel, total	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Nitrate/Nitrite as N	SW		U	mg/L	0.02	0.1
GTSW-9	06/28/05	Phosphorus, ortho dissolved	SW		UH	mg/L	0.01	0.05
GTSW-9	06/28/05	Potassium, dissolved	SW	0.6	B	mg/L	0.3	1
GTSW-9	06/28/05	Potassium, total	SW	0.7	B	mg/L	0.3	1
GTSW-9	06/28/05	Selenium, dissolved	SW		U	mg/L	0.001	0.005
GTSW-9	06/28/05	Selenium, total	SW		U	mg/L	0.001	0.005
GTSW-9	06/28/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
GTSW-9	06/28/05	Silver, total	SW		U	mg/L	0.00005	0.0003
GTSW-9	06/28/05	Sodium, dissolved	SW	3.2		mg/L	0.3	1
GTSW-9	06/28/05	Sodium, total	SW	3.3		mg/L	0.3	1
GTSW-9	06/28/05	Sulfate	SW	15.9		mg/L	0.5	3
GTSW-9	06/28/05	Thallium, dissolved	SW	0.0002	B	mg/L	0.0001	0.0005
GTSW-9	06/28/05	Thallium, total	SW	0.0005	B	mg/L	0.0001	0.0005
GTSW-9	06/28/05	Vanadium, dissolved	SW		U	mg/L	0.005	0.03
GTSW-9	06/28/05	Vanadium, total	SW		U	mg/L	0.005	0.03
GTSW-9	06/28/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
GTSW-9	06/28/05	Zinc, total	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Aluminum, dissolved	SW	0.11	B	mg/L	0.03	0.2
SWGT-7	08/25/05	Aluminum, total	SW	0.21		mg/L	0.03	0.2
SWGT-7	08/25/05	Antimony, dissolved	SW	0.0014	B	mg/L	0.0004	0.002
SWGT-7	08/25/05	Antimony, total	SW	0.0012	B	mg/L	0.0004	0.002

APPENDIX A
TABLE 9
SW
Central Farmers Fertilizer Facility, Georgetown Canyon, Idaho, Nu-West Industries, Inc.

CLIENTID	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL
SWGT-7	08/25/05	Arsenic, dissolved	SW	0.0128		mg/L	0.0005	0.003
SWGT-7	08/25/05	Arsenic, total	SW	0.0109		mg/L	0.0005	0.003
SWGT-7	08/25/05	Barium, dissolved	SW		U	mg/L	0.003	0.01
SWGT-7	08/25/05	Barium, total	SW		U	mg/L	0.003	0.01
SWGT-7	08/25/05	Beryllium, dissolved	SW		U	mg/L	0.002	0.01
SWGT-7	08/25/05	Beryllium, total	SW		U	mg/L	0.002	0.01
SWGT-7	08/25/05	Bicarbonate as CaCO3	SW	100	H	mg/L	2	20
SWGT-7	08/25/05	Cadmium, dissolved	SW		U	mg/L	0.005	0.02
SWGT-7	08/25/05	Cadmium, total	SW		U	mg/L	0.005	0.02
SWGT-7	08/25/05	Calcium, dissolved	SW	35.8		mg/L	0.2	1
SWGT-7	08/25/05	Calcium, total	SW	39.5		mg/L	0.2	1
SWGT-7	08/25/05	Carbonate as CaCO3	SW		UH	mg/L	2	20
SWGT-7	08/25/05	Chloride	SW	1	B	mg/L	1	5
SWGT-7	08/25/05	Chromium, dissolved	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Chromium, total	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Copper, dissolved	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Copper, total	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Fluoride	SW	12.3		mg/L	0.1	0.5
SWGT-7	08/25/05	Hydroxide as CaCO3	SW		UH	mg/L	2	20
SWGT-7	08/25/05	Iron, dissolved	SW	0.05	B	mg/L	0.02	0.05
SWGT-7	08/25/05	Iron, total	SW	1.79		mg/L	0.02	0.05
SWGT-7	08/25/05	Lead, dissolved	SW		U	mg/L	0.0001	0.0005
SWGT-7	08/25/05	Lead, total	SW	0.0005		mg/L	0.0001	0.0005
SWGT-7	08/25/05	Magnesium, dissolved	SW	7.9		mg/L	0.2	1
SWGT-7	08/25/05	Magnesium, total	SW	8.6		mg/L	0.2	1
SWGT-7	08/25/05	Manganese, dissolved	SW	0.017	B	mg/L	0.005	0.03
SWGT-7	08/25/05	Manganese, total	SW	0.181		mg/L	0.005	0.03
SWGT-7	08/25/05	Mercury, dissolved	SW		U	mg/L	0.0002	0.001
SWGT-7	08/25/05	Mercury, total	SW		U	mg/L	0.0002	0.001
SWGT-7	08/25/05	Molybdenum, dissolved	SW	0.02	B	mg/L	0.01	0.05
SWGT-7	08/25/05	Molybdenum, total	SW	0.03	B	mg/L	0.01	0.05
SWGT-7	08/25/05	Nickel, dissolved	SW	0.01	B	mg/L	0.01	0.05
SWGT-7	08/25/05	Nickel, total	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Nitrate/Nitrite as N	SW	2.28		mg/L	0.02	0.1
SWGT-7	08/25/05	Phosphorus, ortho dissolved	SW	5.3	H	mg/L	0.2	1
SWGT-7	08/25/05	Potassium, dissolved	SW	9.3		mg/L	0.3	1
SWGT-7	08/25/05	Potassium, total	SW	10.6		mg/L	0.3	1
SWGT-7	08/25/05	Residue, Filterable (TDS) @180	SW	140		mg/L	10	20
SWGT-7	08/25/05	Residue, Non-Filterable (TSS)	SW	74		mg/L	5	20
SWGT-7	08/25/05	Selenium, dissolved	SW	0.005		mg/L	0.001	0.005
SWGT-7	08/25/05	Selenium, total	SW	0.007		mg/L	0.001	0.005
SWGT-7	08/25/05	Silver, dissolved	SW		U	mg/L	0.00005	0.0003
SWGT-7	08/25/05	Silver, total	SW		U	mg/L	0.00005	0.0003
SWGT-7	08/25/05	Sodium, dissolved	SW	3.4		mg/L	0.3	1
SWGT-7	08/25/05	Sodium, total	SW	3.4		mg/L	0.3	1
SWGT-7	08/25/05	Sulfate	SW	2.9	BH	mg/L	0.5	3
SWGT-7	08/25/05	TDS (calculated)	SW	133		mg/L	10	50
SWGT-7	08/25/05	TDS (ratio - measured/calculat	SW	1.05				
SWGT-7	08/25/05	Thallium, dissolved	SW		U	mg/L	0.0001	0.0005
SWGT-7	08/25/05	Thallium, total	SW	0.0002	B	mg/L	0.0001	0.0005
SWGT-7	08/25/05	Total Alkalinity	SW	100	H	mg/L	2	20
SWGT-7	08/25/05	Vanadium, dissolved	SW	0.017	B	mg/L	0.005	0.03
SWGT-7	08/25/05	Vanadium, total	SW	0.028	B	mg/L	0.005	0.03
SWGT-7	08/25/05	Zinc, dissolved	SW		U	mg/L	0.01	0.05
SWGT-7	08/25/05	Zinc, total	SW	0.02	B	mg/L	0.01	0.05

APPENDIX B:
ProUCL Data Input Tables and Statistical Output

APPENDIX B:
Phosphoria Gulch Ore
Data Input Table
Statistical Summary

Arsenic mg/kg	Cadmium mg/kg	Uranium mg/kg	Vanadium mg/kg
21	69	66.7	839
20.6	93	74.7	1100
21.8	100	81.8	1240

Summary Statistics for Raw Data

From File C:\Program Files\ProUCL\Data\Georgetown Canyon_input.xls

Variable name	NumObs	Minimum	Maximum	Mean	Median	Sd	CV	Skewness	Variance
Arsenic mg/kg	3	20.6	21.8	21.13333	21	0.61101	0.028912	0.93522	0.373333
Cadmium mg/kg	3	69	100	87.33333	93	16.25833	0.186164	-1.377895	264.3333
Uranium mg/kg	3	66.7	81.8	74.4	74.7	7.554469	0.101539	-0.17842	57.07
Vanadium mg/kg	3	839	1240	1059.667	1100	203.5199	0.19206	-0.856779	41420.33

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_inpu	Variable:	Arsenic mg/kg
Raw Statistics			
Number of Valid Samples	3		
Number of Unique Samples	3		
Minimum	20.6		
Maximum	21.8		
Mean	21.13333		
Median	21		
Too Few Observations To Calculate UCLs			

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_inpu	Variable:	Cadmium mg/kg
Raw Statistics			
Number of Valid Samples	3		
Number of Unique Samples	3		
Minimum	69		
Maximum	100		
Mean	87.33333		
Median	93		
Too Few Observations To Calculate UCLs			

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_inp(	Variable:	Uranium mg/kg
Raw Statistics			
Number of Valid Samples	3		
Number of Unique Samples	3		
Minimum	66.7		
Maximum	81.8		
Mean	74.4		
Median	74.7		
Too Few Observations To Calculate UCLs			

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_inpu	Variable:	Vanadium mg/kg
Raw Statistics			
Number of Valid Samples	3		
Number of Unique Samples	3		
Minimum	839		
Maximum	1240		
Mean	1059.667		
Median	1100		
Too Few Observations To Calculate UCLs			

APPENDIX B:
Subsurface Soil
Data Input Table
Statistical Summary
EPC Calculations

CLIENTID	SBD	SED	COLLECTDATE	ANALYTE	MATRIX	RESULT	QUAL	UNITS	MDL	PQL	Total Xylenes ug/Kg	Total Xylenes mg/Kg
B-20 1-2.5	1	2.5	10/13/05	o Xylene	SO	0.2	J	ug/Kg	0.2	1		
B-20 1-2.5	1	2.5	10/13/05	m p Xylene	SO	0.6	J	ug/Kg	0.4	2	0.8	0.0008
B-20 3.5-5	3.5	5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-20 3.5-5	3.5	5	10/13/05	m p Xylene	SO	0.4	J	ug/Kg	0.4	2	0.4	0.0005
B-20 8-9.5	8	9.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-20 8-9.5	8	9.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2	0.3	0.0003
B-21 3-4.5	3	4.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-21 3-4.5	3	4.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2	0.3	0.0003
B-21 7-9.5	7	9.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-21 7-9.5	7	9.5	10/13/05	m p Xylene	SO	0.4	J	ug/Kg	0.4	2	0.5	0.0005
B-22 7-8.5	7	8.5	10/13/05	o Xylene	SO		U	ug/Kg	1	5		
B-22 7-8.5	7	8.5	10/13/05	m p Xylene	SO		U	ug/Kg	2	10	1.5	0.0015
B-23 5-6.5	5	6.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-23 5-6.5	5	6.5	10/13/05	m p Xylene	SO		U	ug/Kg	0.4	2	0.3	0.0003
B-23 9-10.5	9	10.5	10/13/05	o Xylene	SO		U	ug/Kg	1	5		
B-23 9-10.5	9	10.5	10/13/05	m p Xylene	SO		U	ug/Kg	2	10	1.5	0.0015
B-24 10-11.5	10	11.5	10/13/05	o Xylene	SO	344		ug/Kg	1	5		
B-24 10-11.5	10	11.5	10/13/05	m p Xylene	SO	1350		ug/Kg	2	10	1694	1.694
B-24 5-6.5	5	6.5	10/13/05	o Xylene	SO		U	ug/Kg	0.2	1		
B-24 5-6.5	5	6.5	10/13/05	m p Xylene	SO	0.5	J	ug/Kg	0.4	2	0.6	0.0006
GTSO-5	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10		
GTSO-5	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30	7	0.007
GTSO-6	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10		
GTSO-6	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30	7	0.007
GTSO-7	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10		
GTSO-7	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30	7	0.007
GTSO-8	1	1	09/13/04	o-Xylene	SO		U	ug/Kg	4	10		
GTSO-8	1	1	09/13/04	m,p-Xylene	SO		U	ug/Kg	10	30	7	0.007

Arsenic mg/kg	Cadmium mg/kg	Manganese mg/kg	Mercury mg/kg	Thallium mg/kg	Vanadium mg/kg	Aroclor 1260 mg/kg	Xylenes mg/kg
5	21.9	448	0.08	7.3	221	0.015	0.0008
9.3	6.4	231	0.09	0.84	404	0.015	0.0005
5.7	2.8	605	0.025	0.25	54.3	0.015	0.0003
7.3	4.5	1440	0.05	0.34	50.1	0.015	0.0003
3.5	44	191	0.02	0.89	554	0.62	0.0005
2.5	26	179	0.11	0.55	356	0.015	0.0015
6.5	28.8	251	0.14	0.76	245	0.015	0.0003
9.2	9.1	563	0.06	0.49	134	0.015	0.0015
6.3	5.4	1300	0.025	0.44	104	0.09	1.694
5.6	2.7	1630	0.17	0.28	37.2	0.015	0.0006
10.5	20	587	0.025	1.16	376		0.007
7.1	3	859	0.025	0.31	214		0.007
4.9	6.1	1800	0.22	0.27	42.7		0.007
10.9	30	426	0.04	1.14	346		0.007
4.5	1.9	854	0.02	0.36	47.9		
5.2	4.8	1210	0.02	0.31	49.9		
3	9	559	0.05	3.16	246		
6.7	7.4	579	0.13	0.75	93.9		
5.9	2.6	1330	0.02	0.39	76		
4.5	1	1270	0.02	0.22	39.9		
6	1.8	3310	0.02	0.26	48.2		
6	2.9	1380	0.025	0.3	60		
8.4	4.4	1540	0.025	0.37	65.1		
3.5	1	1030	0.11	0.19	37.3		
5.5	5.6	706	0.47	0.52	103		
6.9	6.2	917	0.34	0.85	111		
5.6	6.7	524	0.025	0.47	149		
4.9	3.3	1010	0.51	0.26	43.4		
9.8	40	522	0.41	1.23	438		
7.7	26	348	0.43	1.75	534		
9.1	15	297	0.27	0.71	510		
10.3	17	419	0.025	0.99	291		
5.4	1	1360		0.29	40.7		

Summary Statistics for Raw Data

From File P:\Georgetown Canyon\RA\Internal Review Draft\ProUCL\ProUCL_input.xls

Variable name	NumObs	Minimum	Maximum	Mean	Median	Sd	CV	Skewness	Variance
Arsenic mg/kg	33	2.5	10.9	6.460606	6	2.21824	0.343349	0.401654	4.920587
Cadmium mg/kg	33	1	44	11.16061	6.1	11.81085	1.058263	1.421038	139.4962
Manganese mg/kg	33	179	3310	899.2424	706	636.5161	0.707836	1.769364	405152.7
Mercury mg/kg	32	0.02	0.51	0.125	0.05	0.149472	1.195778	1.512269	0.022342
Thallium mg/kg	33	0.19	7.3	0.860606	0.47	1.292539	1.501893	4.265816	1.670656
Vanadium mg/kg	33	37.2	554	185.5333	104	165.6053	0.89259	0.969059	27425.11
Aroclor 1260 mg/kg	10	0.015	0.62	0.083	0.015	0.190149	2.290953	3.077486	0.036157
Xylenes mg/kg	14	0.0003	1.694	0.12345	0.00115	0.452045	3.661765	3.741382	0.204345

General Statistics

Data File	P:\Georgetown Canyon\RA\Internal Review D	Variable:	Arsenic mg/kg
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	33	Shapiro-Wilk Test Statisitic	0.953525
Number of Unique Samples	28	Shapiro-Wilk 5% Critical Value	0.931
Minimum	2.5	Data are normal at 5% significance level	
Maximum	10.9		
Mean	6.460606	95% UCL (Assuming Normal Distribution)	
Median	6	Student's-t UCL	7.114694
Standard Deviation	2.21824		
Variance	4.920587	Gamma Distribution Test	
Coefficient of Variation	0.343349	A-D Test Statistic	0.30812
Skewness	0.401654	A-D 5% Critical Value	0.747553
		K-S Test Statistic	0.090559
Gamma Statistics		K-S 5% Critical Value	0.15328
k hat	8.44412	Data follow gamma distribution	
k star (bias corrected)	7.696675	at 5% significance level	
Theta hat	0.765101		
Theta star	0.839402	95% UCLs (Assuming Gamma Distribution)	
nu hat	557.3119	Approximate Gamma UCL	7.185987
nu star	507.9805	Adjusted Gamma UCL	7.22547
Approx.Chi Square Value (.05)	456.703		
Adjusted Level of Significance	0.0419	Lognormal Distribution Test	
Adjusted Chi Square Value	454.2074	Shapiro-Wilk Test Statisitic	0.96308
		Shapiro-Wilk 5% Critical Value	0.931
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	0.916291		
Maximum of log data	2.388763	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	1.805343	95% H-UCL	7.29788
Standard Deviation of log data	0.361746	95% Chebyshev (MVUE) UCL	8.301734
Variance of log data	0.13086	97.5% Chebyshev (MVUE) UCL	9.090134
		99% Chebyshev (MVUE) UCL	10.63879
		95% Non-parametric UCLs	
		CLT UCL	7.09576
		Adj-CLT UCL (Adjusted for skewness)	7.124608
		Mod-t UCL (Adjusted for skewness)	7.119194
		Jackknife UCL	7.114694
		Standard Bootstrap UCL	7.09301
		Bootstrap-t UCL	7.157215
RECOMMENDATION		Hall's Bootstrap UCL	7.14096
Data are normal (0.05)		Percentile Bootstrap UCL	7.066667
		BCA Bootstrap UCL	7.187879
Use Stu		95% Chebyshev (Mean, Sd) UCL	8.143777
		97.5% Chebyshev (Mean, Sd) UCL	8.872087
		99% Chebyshev (Mean, Sd) UCL	10.30271

General Statistics

Data File	P:\Georgetown Canyon\RA\Internal Review D	Variable:	Cadmium mg/kg
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	33	Shapiro-Wilk Test Statisitic	0.784207
Number of Unique Samples	30	Shapiro-Wilk 5% Critical Value	0.931
Minimum	1	Data not normal at 5% significance level	
Maximum	44		
Mean	11.16061	95% UCL (Assuming Normal Distribution)	
Median	6.1	Student's-t UCL	14.64325
Standard Deviation	11.81085		
Variance	139.4962	Gamma Distribution Test	
Coefficient of Variation	1.058263	A-D Test Statistic	0.902072
Skewness	1.421038	A-D 5% Critical Value	0.774422
		K-S Test Statistic	0.163641
Gamma Statistics		K-S 5% Critical Value	0.157529
k hat	1.056912	Data do not follow gamma distribution	
k star (bias corrected)	0.981031	at 5% significance level	
Theta hat	10.55963		
Theta star	11.3764	95% UCLs (Assuming Gamma Distribution)	
nu hat	69.7562	Approximate Gamma UCL	15.2999
nu star	64.74806	Adjusted Gamma UCL	15.55373
Approx.Chi Square Value (.05)	47.23089		
Adjusted Level of Significance	0.0419	Lognormal Distribution Test	
Adjusted Chi Square Value	46.46009	Shapiro-Wilk Test Statisitic	0.951211
		Shapiro-Wilk 5% Critical Value	0.931
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	0		
Maximum of log data	3.78419	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	1.869736	95% H-UCL	19.12527
Standard Deviation of log data	1.09117	95% Chebyshev (MVUE) UCL	22.60426
Variance of log data	1.190652	97.5% Chebyshev (MVUE) UCL	27.43256
		99% Chebyshev (MVUE) UCL	36.91684
		95% Non-parametric UCLs	
		CLT UCL	14.54243
		Adj-CLT UCL (Adjusted for skewness)	15.08588
		Mod-t UCL (Adjusted for skewness)	14.72802
		Jackknife UCL	14.64325
		Standard Bootstrap UCL	14.46826
		Bootstrap-t UCL	15.46517
RECOMMENDATION		Hall's Bootstrap UCL	15.03127
Data are lognormal (0.05)		Percentile Bootstrap UCL	14.65152
		BCA Bootstrap UCL	15.18485
Use H-UCL		95% Chebyshev (Mean, Sd) UCL	20.12253
		97.5% Chebyshev (Mean, Sd) UCL	24.00036
		99% Chebyshev (Mean, Sd) UCL	31.6176

Data File P:\Georgetown Canyon\RA\Internal Review D Variable: Manganese mg/kg

Raw Statistics		Normal Distribution Test	
Number of Valid Samples	33	Shapiro-Wilk Test Statisitic	0.852169
Number of Unique Samples	33	Shapiro-Wilk 5% Critical Value	0.931
Minimum	179	Data not normal at 5% significance level	
Maximum	3310		
Mean	899.2424	95% UCL (Assuming Normal Distribution)	
Median	706	Student's-t UCL	1086.931
Standard Deviation	636.5161		
Variance	405152.7	Gamma Distribution Test	
Coefficient of Variation	0.707836	A-D Test Statistic	0.342595
Skewness	1.769364	A-D 5% Critical Value	0.757222
		K-S Test Statistic	0.118384
Gamma Statistics		K-S 5% Critical Value	0.154921
k hat	2.330628	Data follow gamma distribution	
k star (bias corrected)	2.138955	at 5% significance level	
Theta hat	385.8369		
Theta star	420.412	95% UCLs (Assuming Gamma Distribution)	
nu hat	153.8215	Approximate Gamma UCL	1106.677
nu star	141.171	Adjusted Gamma UCL	1118.641
Approx.Chi Square Value (.05)	114.7101		
Adjusted Level of Significance	0.0419	Lognormal Distribution Test	
Adjusted Chi Square Value	113.4832	Shapiro-Wilk Test Statisitic	0.969376
		Shapiro-Wilk 5% Critical Value	0.931
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	5.187386		
Maximum of log data	8.104703	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	6.571938	95% H-UCL	1195.109
Standard Deviation of log data	0.708294	95% Chebyshev (MVUE) UCL	1441.248
Variance of log data	0.501681	97.5% Chebyshev (MVUE) UCL	1671.11
		99% Chebyshev (MVUE) UCL	2122.63
		95% Non-parametric UCLs	
		CLT UCL	1081.498
		Adj-CLT UCL (Adjusted for skewness)	1117.964
		Mod-t UCL (Adjusted for skewness)	1092.619
		Jackknife UCL	1086.931
		Standard Bootstrap UCL	1080.483
		Bootstrap-t UCL	1132.136
RECOMMENDATION		Hall's Bootstrap UCL	1192.886
Data follow gamma distribution (0.05)		Percentile Bootstrap UCL	1099.939
		BCA Bootstrap UCL	1112.848
Use Approximate Gamma UCL		95% Chebyshev (Mean, Sd) UCL	1382.222
		97.5% Chebyshev (Mean, Sd) UCL	1591.208
		99% Chebyshev (Mean, Sd) UCL	2001.721

General Statistics

Data File P:\Georgetown Canyon\RA\Internal Review D Variable: Mercury mg/kg

Raw Statistics		Normal Distribution Test	
Number of Valid Samples	32	Shapiro-Wilk Test Statisitic	0.723302
Number of Unique Samples	18	Shapiro-Wilk 5% Critical Value	0.93
Minimum	0.02	Data not normal at 5% significance level	
Maximum	0.51		
Mean	0.125	95% UCL (Assuming Normal Distribution)	
Median	0.05	Student's-t UCL	0.169801
Standard Deviation	0.149472		
Variance	0.022342	Gamma Distribution Test	
Coefficient of Variation	1.195778	A-D Test Statistic	1.982191
Skewness	1.512269	A-D 5% Critical Value	0.780196
		K-S Test Statistic	0.234439
Gamma Statistics		K-S 5% Critical Value	0.160654
k hat	0.904983	Data do not follow gamma distribution	
k star (bias corrected)	0.840974	at 5% significance level	
Theta hat	0.138124		
Theta star	0.148637	95% UCLs (Assuming Gamma Distribution)	
nu hat	57.91891	Approximate Gamma UCL	0.177215
nu star	53.82235	Adjusted Gamma UCL	0.180611
Approx.Chi Square Value (.05)	37.96393		
Adjusted Level of Significance	0.0416	Lognormal Distribution Test	
Adjusted Chi Square Value	37.25025	Shapiro-Wilk Test Statisitic	0.854716
		Shapiro-Wilk 5% Critical Value	0.93
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-3.912023		
Maximum of log data	-0.673345	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-2.724989	95% H-UCL	0.21204
Standard Deviation of log data	1.137122	95% Chebyshev (MVUE) UCL	0.247272
Variance of log data	1.293045	97.5% Chebyshev (MVUE) UCL	0.301808
		99% Chebyshev (MVUE) UCL	0.408934
		95% Non-parametric UCLs	
		CLT UCL	0.168462
		Adj-CLT UCL (Adjusted for skewness)	0.17601
		Mod-t UCL (Adjusted for skewness)	0.170978
		Jackknife UCL	0.169801
		Standard Bootstrap UCL	0.16709
		Bootstrap-t UCL	0.184615
RECOMMENDATION		Hall's Bootstrap UCL	0.172962
Data are Non-parametric (0.05)		Percentile Bootstrap UCL	0.171406
		BCA Bootstrap UCL	0.176406
Use 99%		95% Chebyshev (Mean, Sd) UCL	0.240176
		97.5% Chebyshev (Mean, Sd) UCL	0.290013
		99% Chebyshev (Mean, Sd) UCL	0.387908

General Statistics

Data File P:\Georgetown Canyon\RA\Internal Review D Variable: Thallium mg/kg

Raw Statistics		Normal Distribution Test	
Number of Valid Samples	33	Shapiro-Wilk Test Statisitic	0.481942
Number of Unique Samples	31	Shapiro-Wilk 5% Critical Value	0.931
Minimum	0.19	Data not normal at 5% significance level	
Maximum	7.3		
Mean	0.860606	95% UCL (Assuming Normal Distribution)	
Median	0.47	Student's-t UCL	1.241734
Standard Deviation	1.292539		
Variance	1.670656	Gamma Distribution Test	
Coefficient of Variation	1.501893	A-D Test Statistic	2.118985
Skewness	4.265816	A-D 5% Critical Value	0.769659
		K-S Test Statistic	0.171978
Gamma Statistics		K-S 5% Critical Value	0.156759
k hat	1.284628	Data do not follow gamma distribution	
k star (bias corrected)	1.188046	at 5% significance level	
Theta hat	0.669926		
Theta star	0.724388	95% UCLs (Assuming Gamma Distribution)	
nu hat	84.78544	Approximate Gamma UCL	1.143609
nu star	78.41101	Adjusted Gamma UCL	1.16066
Approx.Chi Square Value (.05)	59.00706		
Adjusted Level of Significance	0.0419	Lognormal Distribution Test	
Adjusted Chi Square Value	58.1402	Shapiro-Wilk Test Statisitic	0.900252
		Shapiro-Wilk 5% Critical Value	0.931
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-1.660731		
Maximum of log data	1.987874	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-0.587357	95% H-UCL	1.055568
Standard Deviation of log data	0.808438	95% Chebyshev (MVUE) UCL	1.278242
Variance of log data	0.653572	97.5% Chebyshev (MVUE) UCL	1.502131
		99% Chebyshev (MVUE) UCL	1.941919
		95% Non-parametric UCLs	
		CLT UCL	1.230702
		Adj-CLT UCL (Adjusted for skewness)	1.409232
		Mod-t UCL (Adjusted for skewness)	1.269582
		Jackknife UCL	1.241734
		Standard Bootstrap UCL	1.215808
		Bootstrap-t UCL	1.912712
RECOMMENDATION		Hall's Bootstrap UCL	2.767877
Data are Non-parametric (0.05)		Percentile Bootstrap UCL	1.285152
		BCA Bootstrap UCL	1.465758
Use 95% Chebyshev (Mean, Sd) UCL		95% Chebyshev (Mean, Sd) UCL	1.841367
		97.5% Chebyshev (Mean, Sd) UCL	2.265744
		99% Chebyshev (Mean, Sd) UCL	3.099348

General Statistics

Data File P:\Georgetown Canyon\RA\Internal Review D	Variable: Vanadium mg/kg		
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	33	Shapiro-Wilk Test Statisitic	0.819637
Number of Unique Samples	33	Shapiro-Wilk 5% Critical Value	0.931
Minimum	37.2	Data not normal at 5% significance level	
Maximum	554		
Mean	185.5333	95% UCL (Assuming Normal Distribution)	
Median	104	Student's-t UCL	234.3651
Standard Deviation	165.6053		
Variance	27425.11	Gamma Distribution Test	
Coefficient of Variation	0.89259	A-D Test Statistic	1.342284
Skewness	0.969059	A-D 5% Critical Value	0.768185
		K-S Test Statistic	0.16188
Gamma Statistics		K-S 5% Critical Value	0.15652
k hat	1.355085	Data do not follow gamma distribution	
k star (bias corrected)	1.252097	at 5% significance level	
Theta hat	136.9164		
Theta star	148.1781	95% UCLs (Assuming Gamma Distribution)	
nu hat	89.43558	Approximate Gamma UCL	244.5915
nu star	82.63841	Adjusted Gamma UCL	248.1338
Approx.Chi Square Value (.05)	62.68483		
Adjusted Level of Significance	0.0419	Lognormal Distribution Test	
Adjusted Chi Square Value	61.78997	Shapiro-Wilk Test Statisitic	0.888658
		Shapiro-Wilk 5% Critical Value	0.931
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	3.616309		
Maximum of log data	6.317165	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	4.810906	95% H-UCL	281.5945
Standard Deviation of log data	0.938905	95% Chebyshev (MVUE) UCL	339.525
Variance of log data	0.881542	97.5% Chebyshev (MVUE) UCL	405.3606
		99% Chebyshev (MVUE) UCL	534.6818
		95% Non-parametric UCLs	
		CLT UCL	232.9515
		Adj-CLT UCL (Adjusted for skewness)	238.1477
		Mod-t UCL (Adjusted for skewness)	235.1756
		Jackknife UCL	234.3651
		Standard Bootstrap UCL	232.2362
		Bootstrap-t UCL	242.0855
RECOMMENDATION		Hall's Bootstrap UCL	236.6549
Data are Non-parametric (0.05)		Percentile Bootstrap UCL	233.2788
		BCA Bootstrap UCL	240.8152
Use 95% Chebyshev (Mean, Sd) UCL		95% Chebyshev (Mean, Sd) UCL	311.1925
		97.5% Chebyshev (Mean, Sd) UCL	365.5653
		99% Chebyshev (Mean, Sd) UCL	472.3701

General Statistics

Data File P:\Georgetown Canyon\RA\Internal Review D	Variable: Aroclor 1260 mg/kg		
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	10	Shapiro-Wilk Test Statisitic	0.425014
Number of Unique Samples	3	Shapiro-Wilk 5% Critical Value	0.842
Minimum	0.015	Data not normal at 5% significance level	
Maximum	0.62		
Mean	0.083	95% UCL (Assuming Normal Distribution)	
Median	0.015	Student's-t UCL	0.193226
Standard Deviation	0.190149		
Variance	0.036157	Gamma Distribution Test	
Coefficient of Variation	2.290953	A-D Test Statistic	2.571636
Skewness	3.077486	A-D 5% Critical Value	0.77369
		K-S Test Statistic	0.490746
Gamma Statistics		K-S 5% Critical Value	0.280047
k hat	0.541206	Data do not follow gamma distribution	
k star (bias corrected)	0.445511	at 5% significance level	
Theta hat	0.153361		
Theta star	0.186303	95% UCLs (Assuming Gamma Distribution)	
nu hat	10.82412	Approximate Gamma UCL	0.226019
nu star	8.910221	Adjusted Gamma UCL	0.273247
Approx.Chi Square Value (.05)	3.272061		
Adjusted Level of Significance	0.0267	Lognormal Distribution Test	
Adjusted Chi Square Value	2.706517	Shapiro-Wilk Test Statisitic	0.529799
		Shapiro-Wilk 5% Critical Value	0.842
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-4.199705		
Maximum of log data	-0.478036	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-3.648362	95% H-UCL	0.257416
Standard Deviation of log data	1.248174	95% Chebyshev (MVUE) UCL	0.142196
Variance of log data	1.557937	97.5% Chebyshev (MVUE) UCL	0.18189
		99% Chebyshev (MVUE) UCL	0.259859
		95% Non-parametric UCLs	
		CLT UCL	0.181906
		Adj-CLT UCL (Adjusted for skewness)	0.244433
		Mod-t UCL (Adjusted for skewness)	0.202979
		Jackknife UCL	0.193226
		Standard Bootstrap UCL	N/R
		Bootstrap-t UCL	N/R
RECOMMENDATION		Hall's Bootstrap UCL	N/R
Data are Non-parametric (0.05)		Percentile Bootstrap UCL	N/R
		BCA Bootstrap UCL	N/R
Use 99% Chebyshev (Mean, Sd) UCL		95% Chebyshev (Mean, Sd) UCL	0.345102
		97.5% Chebyshev (Mean, Sd) UCL	0.458514
		99% Chebyshev (Mean, Sd) UCL	0.68129
Recommended UCL exceeds the maximum observation			
Consider using 95% or 97.5% Chebyshev (Mean, Sd) UCL			

General Statistics

Data File P:\Georgetown Canyon\RA\Internal Review D	Variable: Xylenes mg/kg		
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	14	Shapiro-Wilk Test Statisitic	0.301734
Number of Unique Samples	7	Shapiro-Wilk 5% Critical Value	0.874
Minimum	0.0003	Data not normal at 5% significance level	
Maximum	1.694		
Mean	0.12345	95% UCL (Assuming Normal Distribution)	
Median	0.00115	Student's-t UCL	0.337404
Standard Deviation	0.452045		
Variance	0.204345	Gamma Distribution Test	
Coefficient of Variation	3.661765	A-D Test Statistic	3.088899
Skewness	3.741382	A-D 5% Critical Value	0.879267
		K-S Test Statistic	0.459446
Gamma Statistics		K-S 5% Critical Value	0.253618
k hat	0.182871	Data do not follow gamma distribution	
k star (bias corrected)	0.191304	at 5% significance level	
Theta hat	0.675065		
Theta star	0.645309	95% UCLs (Assuming Gamma Distribution)	
nu hat	5.120399	Approximate Gamma UCL	0.500982
nu star	5.356504	Adjusted Gamma UCL	0.614977
Approx.Chi Square Value (.05)	1.319929		
Adjusted Level of Significance	0.03122	Lognormal Distribution Test	
Adjusted Chi Square Value	1.07526	Shapiro-Wilk Test Statisitic	0.762058
		Shapiro-Wilk 5% Critical Value	0.874
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-8.111728		
Maximum of log data	0.527093	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-6.172238	95% H-UCL	0.87187
Standard Deviation of log data	2.300477	95% Chebyshev (MVUE) UCL	0.071972
Variance of log data	5.292195	97.5% Chebyshev (MVUE) UCL	0.095288
		99% Chebyshev (MVUE) UCL	0.141087
		95% Non-parametric UCLs	
		CLT UCL	0.322171
		Adj-CLT UCL (Adjusted for skewness)	0.451254
		Mod-t UCL (Adjusted for skewness)	0.357538
		Jackknife UCL	0.337404
		Standard Bootstrap UCL	0.317963
		Bootstrap-t UCL	23.48053
RECOMMENDATION		Hall's Bootstrap UCL	11.04603
Data are Non-parametric (0.05)		Percentile Bootstrap UCL	0.364821
		BCA Bootstrap UCL	0.486757
Use 99% Chebyshev (Mean, Sd) UCL		95% Chebyshev (Mean, Sd) UCL	0.650066
		97.5% Chebyshev (Mean, Sd) UCL	0.877934
		99% Chebyshev (Mean, Sd) UCL	1.325535

APPENDIX B:
Sediment
Data Input Table
Statistical Summary
EPC Calculations

Arsenic mg/kg	Cadmium mg/kg	Vanadium mg/kg
7.26	5.2	114
5.92	10.3	152
4.71	13.2	191
18.2	44.3	608

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_input.xls	Variable:	Arsenic mg/kg
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	4	Shapiro-Wilk Test Statisitic	0.780192
Number of Unique Samples	4	Shapiro-Wilk 5% Critical Value	0.748
Minimum	4.71	Data are normal at 5% significance level	
Maximum	18.2		
Mean	9.0225	95% UCL (Assuming Normal Distribution)	
Median	6.59	Student's-t UCL	16.32539
Standard Deviation	6.206343		
Variance	38.51869	Gamma Distribution Test	
Coefficient of Variation	0.687874	A-D Test Statistic	0.480924
Skewness	1.833424	A-D 5% Critical Value	0.659111
		K-S Test Statistic	0.33531
Gamma Statistics		K-S 5% Critical Value	0.396334
k hat	3.564873	Data follow gamma distribution	
k star (bias corrected)	1.057885	at 5% significance level	
Theta hat	2.530945		
Theta star	8.52881	95% UCLs (Assuming Gamma Distribution)	
nu hat	28.51899	Approximate Gamma UCL	25.40775
nu star	8.46308	Adjusted Gamma UCL	N/A
Approx.Chi Square Value (.05)	3.005309		
Adjusted Level of Significance	N/A	Lognormal Distribution Test	
Adjusted Chi Square Value	N/A	Shapiro-Wilk Test Statisitic	0.880453
		Shapiro-Wilk 5% Critical Value	0.748
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	1.549688		
Maximum of log data	2.901422	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	2.052956	95% H-UCL	60.64754
Standard Deviation of log data	0.592613	95% Chebyshev (MVUE) UCL	20.00225
Variance of log data	0.35119	97.5% Chebyshev (MVUE) UCL	24.82427
		99% Chebyshev (MVUE) UCL	34.2962
		95% Non-parametric UCLs	
		CLT UCL	14.12676
		Adj-CLT UCL (Adjusted for skewness)	17.16638
		Mod-t UCL (Adjusted for skewness)	16.79951
		Jackknife UCL	16.32539
		Standard Bootstrap UCL	N/R
		Bootstrap-t UCL	N/R
RECOMMENDATION		Hall's Bootstrap UCL	N/R
Data are normal (0.05)		Percentile Bootstrap UCL	N/R
		BCA Bootstrap UCL	N/R
Use Student's-t UCL		95% Chebyshev (Mean, Sd) UCL	22.54891
		97.5% Chebyshev (Mean, Sd) UCL	28.4018
		99% Chebyshev (Mean, Sd) UCL	39.89867

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_input.xls	Variable:	Cadmium mg/kg
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	4	Shapiro-Wilk Test Statisitic	0.798138
Number of Unique Samples	4	Shapiro-Wilk 5% Critical Value	0.748
Minimum	5.2	Data are normal at 5% significance level	
Maximum	44.3		
Mean	18.25	95% UCL (Assuming Normal Distribution)	
Median	11.75	Student's-t UCL	39.05221
Standard Deviation	17.67871		
Variance	312.5367	Gamma Distribution Test	
Coefficient of Variation	0.968696	A-D Test Statistic	0.365861
Skewness	1.788627	A-D 5% Critical Value	0.661535
		K-S Test Statistic	0.306602
Gamma Statistics		K-S 5% Critical Value	0.398761
k hat	1.729394	Data follow gamma distribution	
k star (bias corrected)	0.599015	at 5% significance level	
Theta hat	10.55283		
Theta star	30.46667	95% UCLs (Assuming Gamma Distribution)	
nu hat	13.83516	Approximate Gamma UCL	82.73969
nu star	4.792122	Adjusted Gamma UCL	N/A
Approx.Chi Square Value (.05)	1.057005		
Adjusted Level of Significance	N/A	Lognormal Distribution Test	
Adjusted Chi Square Value	N/A	Shapiro-Wilk Test Statisitic	0.95681
		Shapiro-Wilk 5% Critical Value	0.748
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	1.648659		
Maximum of log data	3.790985	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	2.588001	95% H-UCL	1263.063
Standard Deviation of log data	0.893506	95% Chebyshev (MVUE) UCL	50.06606
Variance of log data	0.798352	97.5% Chebyshev (MVUE) UCL	64.0885
		99% Chebyshev (MVUE) UCL	91.63288
		95% Non-parametric UCLs	
		CLT UCL	32.78944
		Adj-CLT UCL (Adjusted for skewness)	41.23621
		Mod-t UCL (Adjusted for skewness)	40.36973
		Jackknife UCL	39.05221
		Standard Bootstrap UCL	N/R
		Bootstrap-t UCL	N/R
RECOMMENDATION		Hall's Bootstrap UCL	N/R
Data are normal (0.05)		Percentile Bootstrap UCL	N/R
		BCA Bootstrap UCL	N/R
Use Student's-t UCL		95% Chebyshev (Mean, Sd) UCL	56.77985
		97.5% Chebyshev (Mean, Sd) UCL	73.45174
		99% Chebyshev (Mean, Sd) UCL	106.2005

General Statistics

Data File	P:\Georgetown Canyon\ProUCL\ProUCL_input.xls	Variable:	Vanadium mg/kg
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	4	Shapiro-Wilk Test Statisitic	0.754482
Number of Unique Samples	4	Shapiro-Wilk 5% Critical Value	0.748
Minimum	114	Data are normal at 5% significance level	
Maximum	608		
Mean	266.25	95% UCL (Assuming Normal Distribution)	
Median	171.5	Student's-t UCL	536.8772
Standard Deviation	229.9918		
Variance	52896.25	Gamma Distribution Test	
Coefficient of Variation	0.863819	A-D Test Statistic	0.511664
Skewness	1.888776	A-D 5% Critical Value	0.660164
		K-S Test Statistic	0.351126
Gamma Statistics		K-S 5% Critical Value	0.397447
k hat	2.338394	Data follow gamma distribution	
k star (bias corrected)	0.751265	at 5% significance level	
Theta hat	113.8602		
Theta star	354.4022	95% UCLs (Assuming Gamma Distribution)	
nu hat	18.70715	Approximate Gamma UCL	973.0336
nu star	6.010121	Adjusted Gamma UCL	N/A
Approx.Chi Square Value (.05)	1.644542		
Adjusted Level of Significance	N/A	Lognormal Distribution Test	
Adjusted Chi Square Value	N/A	Shapiro-Wilk Test Statisitic	0.874054
		Shapiro-Wilk 5% Critical Value	0.748
Log-transformed Statistics		Data are lognormal at 5% significance level	
Minimum of log data	4.736198		
Maximum of log data	6.410175	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	5.355632	95% H-UCL	4705.364
Standard Deviation of log data	0.734053	95% Chebyshev (MVUE) UCL	652.6033
Variance of log data	0.538834	97.5% Chebyshev (MVUE) UCL	823.6667
		99% Chebyshev (MVUE) UCL	1159.688
		95% Non-parametric UCLs	
		CLT UCL	455.4015
		Adj-CLT UCL (Adjusted for skewness)	571.443
		Mod-t UCL (Adjusted for skewness)	554.9773
		Jackknife UCL	536.8772
		Standard Bootstrap UCL	N/R
		Bootstrap-t UCL	N/R
RECOMMENDATION		Hall's Bootstrap UCL	N/R
Data are normal (0.05)		Percentile Bootstrap UCL	N/R
		BCA Bootstrap UCL	N/R
Use Student's-t UCL		95% Chebyshev (Mean, Sd) UCL	767.5056
		97.5% Chebyshev (Mean, Sd) UCL	984.3993
		99% Chebyshev (Mean, Sd) UCL	1410.445

APPENDIX B:
Shallow Groundwater
Data Input Table
Statistical Summary
EPC Calculations

Arsenic mg/L	Lead mg/L
0.00025	0.0001
0.0057	0.0178
0.0052	0.0138
0.005	0.013
0.002	0.0062
0.0062	0.0146
0.0022	0.0047
0.0032	0.0093
0.0014	0.0057

Summary Statistics for Raw Data

From File C:\Program Files\ProUCL\Data\Georgetown Canyon_input.xls

Variable name	NumObs	Minimum	Maximum	Mean	Median	Sd	CV	Skewness	Variance
Arsenic mg/L	9	0.00025	0.0062	0.003461	0.0032	0.002129	0.615101	-0.1055715	4.53E-06
Lead mg/L	9	0.0001	0.0178	0.009467	0.0093	0.005727	0.604978	-0.1530853	3.28E-05

General Statistics

Data File	C:\Program Files\ProUCL\Data\Georgetown Canyon_input.xls	Variable:	Arsenic mg/L
Raw Statistics		Normal Distribution Test	
Number of Valid Samples	9	Shapiro-Wilk Test Statisitic	0.926417
Number of Unique Samples	9	Shapiro-Wilk 5% Critical Value	0.829
Minimum	0.00025	Data are normal at 5% significance level	
Maximum	0.0062		
Mean	0.003461	95% UCL (Assuming Normal Distribution)	
Median	0.0032	Student's-t UCL	0.004781
Standard Deviation	0.002129		
Variance	4.53E-06	Gamma Distribution Test	
Coefficient of Variation	0.615101	A-D Test Statistic	0.44163
Skewness	-0.105572	A-D 5% Critical Value	0.731779
		K-S Test Statistic	0.223053
Gamma Statistics		K-S 5% Critical Value	0.283137
k hat	1.781163	Data follow gamma distribution	
k star (bias corrected)	1.261516	at 5% significance level	
Theta hat	0.001943		
Theta star	0.002744	95% UCLs (Assuming Gamma Distribution)	
nu hat	32.06093	Approximate Gamma UCL	0.006107
nu star	22.70728	Adjusted Gamma UCL	0.006933
Approx.Chi Square Value (.05)	12.86828		
Adjusted Level of Significance	0.02308	Lognormal Distribution Test	
Adjusted Chi Square Value	11.33674	Shapiro-Wilk Test Statisitic	0.82404
		Shapiro-Wilk 5% Critical Value	0.829
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-8.29405		
Maximum of log data	-5.083206	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-5.972417	95% H-UCL	0.014229
Standard Deviation of log data	1.017528	95% Chebyshev (MVUE) UCL	0.010027
Variance of log data	1.035364	97.5% Chebyshev (MVUE) UCL	0.012652
		99% Chebyshev (MVUE) UCL	0.017809
		95% Non-parametric UCLs	
		CLT UCL	0.004628
		Adj-CLT UCL (Adjusted for skewness)	0.004602
		Mod-t UCL (Adjusted for skewness)	0.004777
		Jackknife UCL	0.004781
		Standard Bootstrap UCL	0.004562
		Bootstrap-t UCL	0.004788
RECOMMENDATION		Hall's Bootstrap UCL	0.004437
Data are normal (0.05)		Percentile Bootstrap UCL	0.004572
		BCA Bootstrap UCL	0.004611
Use Student's-t UCL		95% Chebyshev (Mean, Sd) UCL	0.006554
		97.5% Chebyshev (Mean, Sd) UCL	0.007893
		99% Chebyshev (Mean, Sd) UCL	0.010522

General Statistics

Data File C:\Program Files\ProUCL\Data\Georgetown Canyon_input.xls Variable: Lead mg/L

Raw Statistics		Normal Distribution Test	
Number of Valid Samples	9	Shapiro-Wilk Test Statisitic	0.960769
Number of Unique Samples	9	Shapiro-Wilk 5% Critical Value	0.829
Minimum	0.0001	Data are normal at 5% significance level	
Maximum	0.0178		
Mean	0.009467	95% UCL (Assuming Normal Distribution)	
Median	0.0093	Student's-t UCL	0.013017
Standard Deviation	0.005727		
Variance	3.28E-05	Gamma Distribution Test	
Coefficient of Variation	0.604978	A-D Test Statistic	0.799858
Skewness	-0.153085	A-D 5% Critical Value	0.740709
		K-S Test Statistic	0.253786
Gamma Statistics		K-S 5% Critical Value	0.286015
k hat	1.151555	Data follow approximate gamma distibution	
k star (bias corrected)	0.841777	at 5% significance level	
Theta hat	0.008221		
Theta star	0.011246	95% UCLs (Assuming Gamma Distribution)	
nu hat	20.72799	Approximate Gamma UCL	0.019473
nu star	15.15199	Adjusted Gamma UCL	0.022925
Approx.Chi Square Value (.05)	7.366192		
Adjusted Level of Significance	0.02308	Lognormal Distribution Test	
Adjusted Chi Square Value	6.256965	Shapiro-Wilk Test Statisitic	0.6621
		Shapiro-Wilk 5% Critical Value	0.829
Log-transformed Statistics		Data not lognormal at 5% significance level	
Minimum of log data	-9.21034		
Maximum of log data	-4.028557	95% UCLs (Assuming Lognormal Distribution)	
Mean of log data	-5.153328	95% H-UCL	0.300548
Standard Deviation of log data	1.59183	95% Chebyshev (MVUE) UCL	0.054356
Variance of log data	2.533924	97.5% Chebyshev (MVUE) UCL	0.070914
		99% Chebyshev (MVUE) UCL	0.103439
		95% Non-parametric UCLs	
		CLT UCL	0.012607
		Adj-CLT UCL (Adjusted for skewness)	0.012503
		Mod-t UCL (Adjusted for skewness)	0.013
		Jackknife UCL	0.013017
		Standard Bootstrap UCL	0.012417
		Bootstrap-t UCL	0.012842
RECOMMENDATION		Hall's Bootstrap UCL	0.012387
Data are normal (0.05)		Percentile Bootstrap UCL	0.012356
		BCA Bootstrap UCL	0.012411
Use Student's-t UCL		95% Chebyshev (Mean, Sd) UCL	0.017788
		97.5% Chebyshev (Mean, Sd) UCL	0.021389
		99% Chebyshev (Mean, Sd) UCL	0.028461