

A. Permit Certificate

**MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000173-03**

**City of Eden, LOCATED AT P.O. Box 376, Eden, ID 83325 AND IN
Jerome County, Township 9S, Range 19E, Section 26** IS HEREBY
AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A
WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE
RULES FOR RECLAMATION AND REUSE OF MUNICIPAL AND
INDUSTRIAL WASTEWATER (IDAPA 58.01.17), WASTEWATER
RULES (IDAPA 58.01.16), GROUND WATER QUALITY RULE
(IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES,
AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE
FROM THE DATE OF SIGNATURE AND EXPIRES ON **March 24,**
2016.



Bill Allred, Regional Administrator
Department of Environmental Quality

Date signed: 3-29-2011

DEPARTMENT OF ENVIRONMENTAL QUALITY
1363 Fillmore Street
Twin Falls, Idaho 83301
(208) 736-2190

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

	<u>Page</u>
A. Permit Certificate	1
B. Permit Contents, Appendices and Attachments	2
C. Abbreviations, Definitions	3
D. Facility Information	5
E. Compliance Schedule for Required Activities	6
F. Permit Limits and Conditions	7
G. Monitoring Requirements	9
H. Standard Reporting Requirements	12
I. Standard Permit Conditions: Procedures and Reporting	13
J. Standard Permit Conditions: Modifications, Violation, and Revocation	15

Appendices

1. Environmental Monitoring Serial Numbers
2. Site Maps

References

1. Plan of Operation (Operation and Maintenance Manual)
2. City of Eden Application for Wastewater Land Application Permit

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000173-03 and are enforceable as such. This permit does not relieve The City of Eden, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Department of Environmental Quality
Director	Director of the Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater, September 2007.
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. <i>Permit Limits and Conditions</i> .
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. <i>Permit Limits and Conditions</i> .
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	<p>Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop:</p> $IWR = IR / E_i = (CU - P_e) / E_i \text{ Where:}$ $IR = \text{net irrigation requirement} = CU - P_e$ <p>CU = consumptive use (crop evapotranspiration) for a given crop in a given climatic area P_e = is the effective precipitation. E_i = is the irrigation system efficiency.</p>
IDAPA	Idaho Administrative Procedures Act
LG	Lagoon
Lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the land application treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).

C. Abbreviations, Definitions

TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA’s) for point sources, Load Allocations (LA’s) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
WWRU	Wastewater Reuse (or Program)
WWRU Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2009 Reporting Year was November 01, 2008 through October 31, 2009.
WW	Wastewater

D. Facility Information

Legal Name of Permittee	City of Eden
Type of Wastewater	Municipal/Domestic (Class E)
Method of Treatment	Slow Rate Irrigation
Type of Facility	Public
Facility Location	¼ mile north of Eden, Idaho
Legal Location	9S Township, 19E Range, Section 26
County	Jerome
USGS Quad	Eden
Soils on Site	Kecko Sandy Loam
Depth to Ground Water	155 feet to regional ground water
Beneficial Uses of Ground Water	Agriculture, drinking water
Nearest Surface Water	75 feet to unnamed intermittent water body/coulee
Beneficial Uses of Surface Water	Agriculture water supply, Industrial water supply, Secondary Contact recreation, Cold water aquatic life, Wildlife habitat and Aesthetics.
Responsible Official Mailing Address Phone / Fax	<p>Larry Craig, Mayor PO Box 376, Eden, ID 83325 Phone: 208-825-5776 Fax: 208-825-4165</p> <p>Jackie Werner, City Clerk PO Box 376, Eden, ID 83325 Phone: 208-825-5776 Fax: 208-825-4165</p>
Facility Consultants Mailing Address Phone / Fax	<p>EHM Engineers, Inc. 621 North College Rd. Suite 100 Twin Falls, ID 83301 Phone: 208-734-4888 Fax: 208-734-6049</p>

E. Compliance Schedule for Required Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-173-01 Within 6 months of permit issuance	<p>An updated Plan of operation (Operation and Maintenance Manual or O&M Manual) for the wastewater reuse facility, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation.</p> <p>The O&M Manual shall contain, at a minimum, the information listed in the latest revision of the <i>Plan of Operation Checklist</i>, Section 1.9.3 of the Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater.</p> <p>The O&M Manual shall include a Quality Assurance Project Plan (QAPP), as described in the Section 7.1.6 of the DEQ Guidance for reclamation and Reuse of Municipal and Industrial Wastewater. The QAPP shall cover field activities; laboratory analytical methods and other activities; data verification and validation; data storage, retrieval, and assessment; and monitoring program evaluation and improvement.</p> <p>The O&M Manual shall contain an updated Nuisance Odor Management Plan to DEQ for review and approval. The Plan shall include wastewater treatment systems, land application facilities, and other operations associated with the facility. The plan shall include specific design considerations, operation and maintenance procedures, and management practices to be employed to minimize the potential for or limit odors. The plan shall also include procedures to respond to an odor incident if one occurs, including notification procedures.</p> <p>Upon approval, the manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.</p>
CA-173-02 Prior to application of waste solids	<p>Submit a Solids Waste Management Plan to DEQ for review and approval. The Plan shall describe how waste solids generated at the facility will be handled and disposed of to meet the requirements of section I, No. 5.</p>

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Type of Wastewater	Municipal Wastewater (Class E)
Application Site Area	Slow Rate Irrigation – 6.68 acres
Growing Season (GS)	April 1 through October 31 (214 days)
Non-growing Season (NGS)	November 1 through March 31 (151 days)
Reporting Year for Annual Loading Rates	See definition section
Growing Season Maximum Hydraulic Loading Rate (Applies to wastewater and supplemental irrigation water).	Growing Season (GS) Hydraulic Loading Rate shall be substantially equal to the Irrigation Water Requirement (IWR) throughout the growing season.
Non-Growing Season Maximum Hydraulic Loading Rate	Non-growing Season (NGS) Hydraulic Loading Rate shall not exceed 0.95 million gallons annually.
No Runoff	No runoff is allowed from any site or fields used for wastewater land application except after a 25-year, 24-hour storm event or greater using Western Regional Climate Center (WRCC) Precipitation Frequency Map, Figure 28 “Isopluvials of 25-YR, 24-HR Precipitation”. For this site, the 25-year, 24-hour event is 1.8 inches.
Livestock Grazing	No grazing shall be allowed on the Land Application site. A grazing management plan shall be submitted to DEQ for review and approval prior to any grazing activities. Grazing Plans shall follow the guidance located within the guidance for reclamation and Reuse of Municipal and Industrial Wastewater September 2007.
Ground Water Quality	Ground water quality shall be in compliance with the Ground Water Quality Rule (GWQR), IDAPA 58.01.11.
Maximum COD Loading, seasonal average in Pounds/acre-day, each HMU	50 pounds / acre-day seasonal average for growing season. 25 pounds / acre-day seasonal average for the non-growing season.
Maximum Nitrogen Loading Rate, pounds/acre-year, each HMU (from all sources including waste solids and supplemental fertilizers)	150% of typical crop uptake (see definition) or UI Fertility Guide.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Buffer Zones	<p>Buffer zone distances from land application areas shall be provided as follows:</p> <ul style="list-style-type: none"> • Inhabited Dwellings 300 feet or more • Public Access Areas 50 feet or more • Natural Surface Waters 50 feet or more • Private Water Sources 500 feet or more • Public Water Sources 1000 feet or more <p>If necessary, BMP's to prevent runoff from the site shall be used in the buffer zones around all areas where runoff may potentially occur. New BMP's shall be reviewed and approved by DEQ prior to installation.</p>
Construction Plans	<p>Prior to construction or modification of all wastewater facilities associated with the land application system or expansion, detailed plans and specifications shall be reviewed and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for review and approval.</p>
Supplemental Irrigation Water Protection	<p>For systems with wastewater and fresh irrigation water interconnections, DEQ approved backflow prevention devices are required.</p>
Odor Management	<p>The wastewater treatment plant, land application site, and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. These facilities shall be managed in accordance with a DEQ approved Nuisance Odor Management Plan.</p>
Allowable Crops	<p>Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.</p>
Fencing and Posting	<p>Signs shall be posted every 500 feet designating the fields as wastewater reuse areas or equivalent.</p>

G. Monitoring Requirements

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

- 1) Appropriate analytical methods, as given in the *Idaho Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater, September 2007*, or as approved by the Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Unless otherwise agreed to in writing by DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table on the following pages. Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 5) Five (5) soil sample locations shall be selected for the management unit MU-017301. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis from each management unit.
- 6) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.
- 7) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

G. Monitoring Requirements

Facility Monitoring Table

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Daily (when land applying)	Discharge Point of Wastewater to Land Application (Staff Gauge)	Volume of Wastewater land applied	Volume (million gallons and acre-inches) to each hydraulic management unit (HMU), record monthly and annually
Monthly (when land applying)	Discharge Point of Wastewater to Land Application	Wastewater quality into land application system – Grab sample	Chemical Oxygen Demand, Total Kjeldahl Nitrogen, VDS, Nitrite + Nitrate-Nitrogen, TDS and pH
Annually	Discharge point of Supplemental Irrigation Water to land Application	Supplemental Irrigation Water	Volume (million gallons and acre-inches) to each HMU, record monthly and annually
Annually	Each HMU	Calculate IWR for each crop grown	Volume (million gallons and acre-inches) to each HMU, record monthly
First and Last April of permit cycle	Each soil monitoring unit	See note 5.	Electrical Conductivity, Nitrate-Nitrogen, Ammonium Nitrogen, Plant Available Phosphorus, pH, % organic matter, potassium, DTPA Fe and Mn. <i>Notes: Phosphorous – use Olsen method for soils with pH 6.5 or higher. Use Bray method if soil pH is <6.5</i>
Annually	Each HMU	Crop type and yield	Tons/acre, Pounds/acre or bushels/acre
Annually	Each HMU	Crop Nutrient Uptake from crop tissue analysis or from standard tables for Crop type and yield.	Nitrate-nitrogen, Total Kjeldahl and Nitrogen

G. Monitoring Requirements

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
	Each HMU	Calculate crop nitrogen removal	Pounds/acre and total pounds per HMU (dry basis)
	Each HMU	Calculate NGS wastewater loading rate	Million gallons & Inches/NGS
	Each HMU	Calculate GS wastewater loading rate	Million gallons & Inches/GS
	Each HMU	Calculate seasonal average COD loading rate (GS and NGS)	Pounds/acre-day
	Each HMU	Calculate wastewater nitrogen loading rate	Pounds/acre-year
	Each HMU	Calculate wastewater TDS loading rate	Pounds/acre-year
	Each HMU	Report nitrogen and phosphorous fertilizer application rates	Type and Pounds/acre-year
	Each HMU		Acres

H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Wastewater Reuse Performance Report (“Annual Report”) prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous reporting year. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
- 2.) The annual report shall contain the results of the required monitoring as described in *Section G. Monitoring Requirements*. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- 3.) The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Twin Falls Regional Office
1363 Fillmore Street
Twin Falls, ID 83301
208-736-2190

- 4.) Notice of completion of any work described in *Section E. Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
- 5.) All laboratory reports containing the sample results for monitoring required by *Section G. Monitoring Requirements* of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater Reuse Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the state as stated in IDAPA 58.01.02.600.02.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
 - a. Apply wastewater as evenly as practicable to the treatment area;
 - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
 - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
 - a. Manage the wastewater reuse treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
 - b. Not hydraulically overload any particular areas of the wastewater land application treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Wastewater Reuse Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of the Department of Environmental Quality or the Director's Designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
 - a. Enter the permitted facility,
 - b. Inspect any records that must be kept under the conditions of the permit.
 - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
 - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
 - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
 - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
 - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

I. Standard Permit Conditions: Procedures and Reporting

DEQ Regional Office: see Permit Certificate Page
Emergency 24 Hour Number: 1-800-632-8000

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by DEQ. This report shall contain:
 - i. A description of the non-compliance and its cause;
 - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
 - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
 - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
 10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local county authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Wastewater Reuse Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Land Application Permit Regulations.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify DEQ at least six (6) months prior to permanently removing any permitted Wastewater Reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the land application site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description
MU-017301	Eden Land Application Site (6.68 Acres)

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-017301	Prior to Land Application Site

SOIL MONITORING UNITS

Serial Number	Description
SU-017301	Eden Land Application Site

LAGOONS

Serial Number	Description
LG-017301	Lagoon No. 1
LG-017302	Lagoon No. 2

Appendix 2
Site Maps

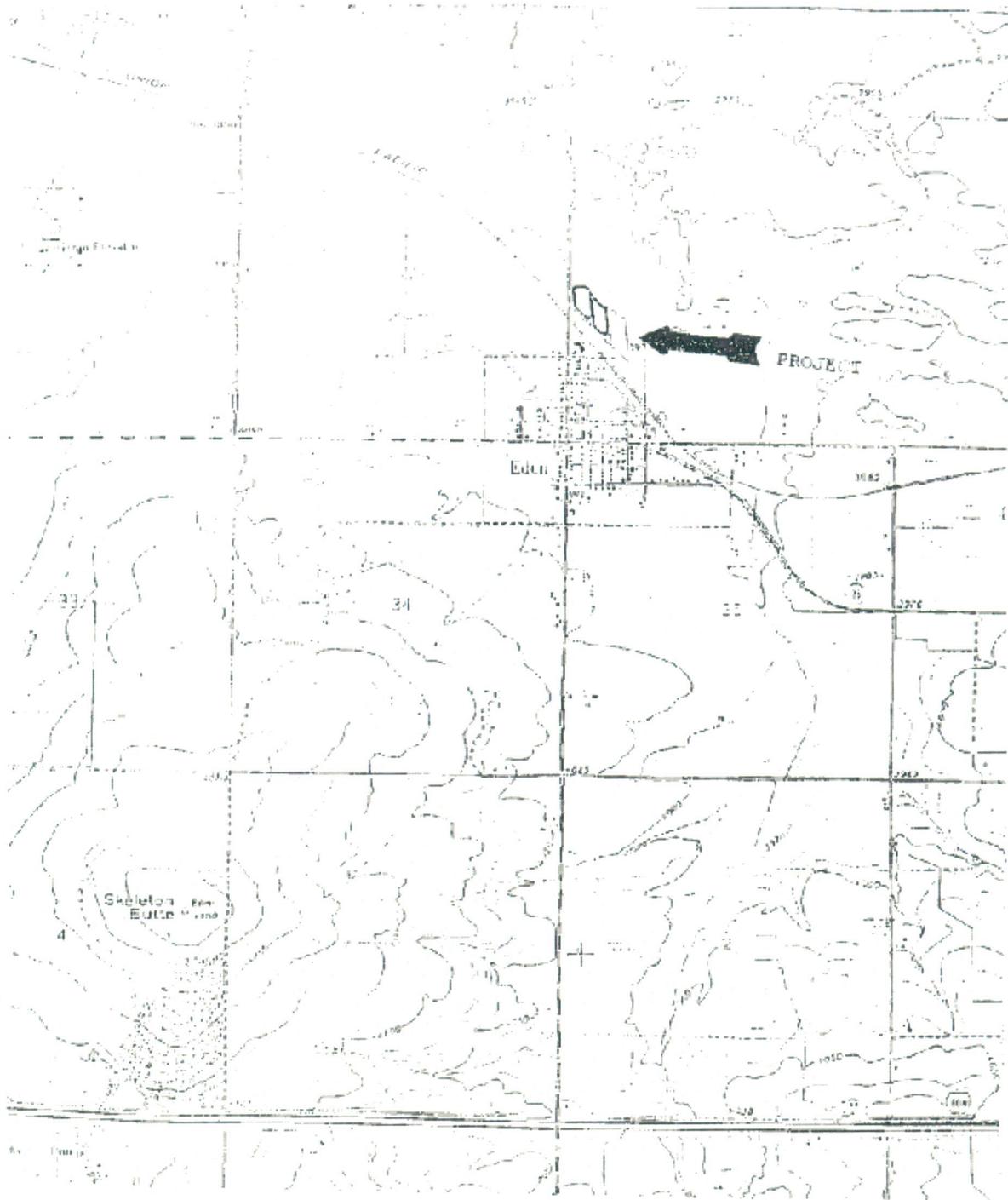


FIGURE 1
PROJECT LOCATION MAP

Appendix 2
Site Maps

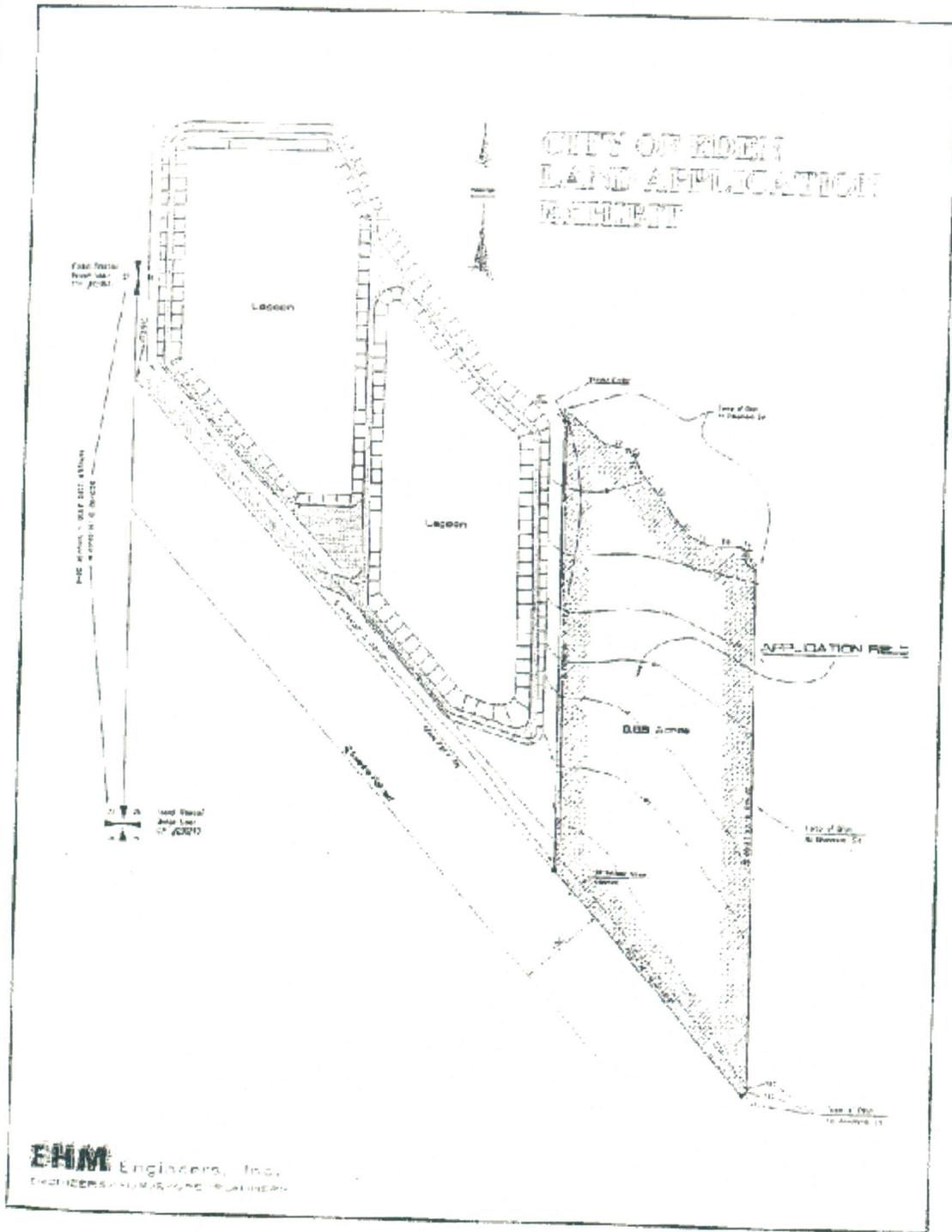


FIGURE 2
LAND APPLICATION SITE MAP

Appendix 2 Site Maps

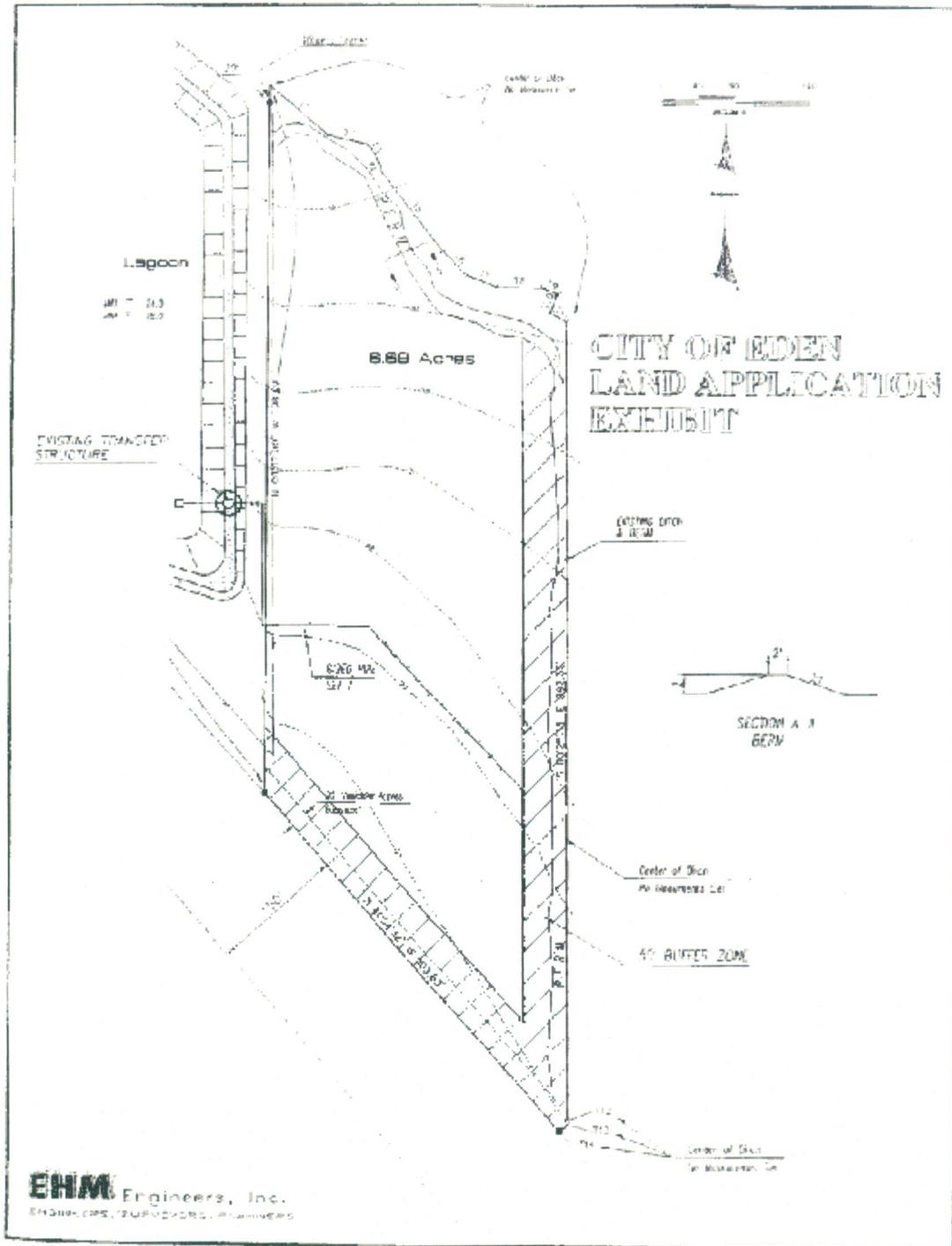


FIGURE 3
LAND APPLICATION FIELD MAP

Appendix 2 Site Maps

