

A. Permit Certificate

**MUNICIPAL
WASTEWATER LAND APPLICATION PERMIT
LA-000216-02**

City of Ketchum/Sun Valley Water and Sewer District LOCATED AT
110 River Ranch Road, Ketchum, ID 83340 IS HEREBY
AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A
WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE
RULES FOR THE RECLAMATION AND REUSE OF MUNICIPAL
AND INDUSTRIAL WASTEWATER (IDAPA 58.01.17), THE
WASTEWATER RULES (IDAPA 58.01.16), THE 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
May 10, 2016.

 (For Bill Allred)
Bill Allred, Regional Administrator
Twin Falls Regional Office
Idaho Department of Environmental Quality

Date: 05-10-2011

**DEPARTMENT OF ENVIRONMENTAL QUALITY
1363 Fillmore
Twin Falls, ID 83301
(208) 736-2190
(208) 736-2194 fax**

POSTING ON SITE RECOMMENDED

2010 AGH 2060

B. Permit Contents, Appendices, and Reference Documents

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References

1. Plan of Operation (Operation and Maintenance Manual)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000216-02 and are enforceable as such. This permit does not relieve the City of Ketchum/Sun Valley Water and Sewer District, 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 reuse water to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons (often estimated as 27,200 gallons).
BMP or BMPs	Best Management Practice(s)
BOD	Biological Oxygen Demand
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho 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), unless otherwise specified
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater
HLR_{gs}	Growing Season Hydraulic Loading Rate. Includes any combination of reuse water and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR _{gs} limit is specified in Section F. Permit Limits and Conditions.
HLR_{ngs}	Non-Growing Season Hydraulic Loading Rate. Includes any combination of reuse water and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. If applicable, the HLR _{ngs} limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IDAPA	Idaho Administrative Procedures Act
IWR	Irrigation Water Requirement – Any combination of reuse water and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop: $IWR = P_{def} / E_i$ Where: P_{def} = Precipitation deficit (crop specific) E_i = irrigation system efficiency.
SVWSD	Sun Valley Water and Sewer District
LG	Lagoon
lb/ac[-day]	Pounds (of constituent) per acre [per day]
MG	Million Gallons (1 MG = 36.827 acre-inches)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days), unless otherwise specified
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

C. Abbreviations, Definitions

Reuse Rules	IDAPA 58.01.17 “Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater”
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation
Soil AWC	Soil Available Water Holding Capacity – the water storage capability of the soil down to a depth at which plant roots can utilize the stored moisture (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids also referred to as Total Filterable Residue
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLAs) for point sources, Load Allocations (LAs) 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</i>
Total Nitrogen	Total Nitrogen is defined as the sum of all forms of nitrogen present in a sample. Total Nitrogen is determined by adding the values of the Total Kjeldahl Nitrogen (TKN), Nitrate-N and Nitrite-N laboratory results.
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
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.
WW	Wastewater
WWTP	Wastewater Treatment Plant

D. Facility Information

Legal Name of Permittee	City of Ketchum/Sun Valley Water and Sewer District
Type of Wastewater	Municipal (Class A)
Method of Treatment	Activated Sludge with Chemical Treatment and Tertiary Filtration followed by Disinfection
Reuse Description	Any permitted Class A use per the Reuse Rules
Treatment Facility and Reuse Locations	WWTP: 110 River Ranch Road (approximately 1.5 miles southeast of Ketchum, ID) <u>Class A Irrigation Areas:</u> Located within the City's and District's Areas of Impact, see Appendix 2
County	Blaine
USGS Quad	Sun Valley
Depth to Ground Water	7 feet at WWTP
Beneficial Uses of Ground Water	Drinking and Irrigation water supply
Nearest Surface Water	Big Wood River (within 0.25 mile of treatment plant)
Beneficial Uses of Surface Water	Cold water aquatic life Primary and secondary recreation
Responsible Official	Mr. Steven Hansen, Utilities Manager
Mailing Address	City of Ketchum/Sun Valley Water and Sewer District P.O. Box 2315, Ketchum, Idaho 83340
Phone / Fax	voice (208) 726-7825 / fax (208) 726-7827

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
<p style="text-align: center;">CA-216-01</p> <p style="text-align: center;">Detailed Plan of Operation due at 50% completion of construction of necessary reuse facilities</p> <p style="text-align: center;">Updated Plan of Operation due 60 days after one complete year of operation of reuse facilities</p>	<p>A Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater treatment and reuse facilities, 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 daily sampling and monitoring requirements to assess the adequacy of wastewater treatment facility operation.</p> <p>The Plan of Operation shall specifically address the following items:</p> <ul style="list-style-type: none"> ➤ Quality Assurance Project Plan (QAPP) for monitoring required in this permit. The plan 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. The QAPP shall include all sampling, monitoring and reporting requirements of this permit, as well as a description of approved sample collection methods, appropriate analytical methods, and companion quality control/quality assurance (QA/QC) protocols, ➤ Operating procedure(s) for when off-specification effluent is produced, ➤ Operating specifications for UV disinfection system to ensure that the required viral inactivation is being met, and what alarm system is in place to alert the operator of a problem with disinfection, ➤ Specific design considerations, operation and maintenance procedures, and management practices to be employed to respond to an odor incident if one occurs, including notification procedures, ➤ Anticipated maintenance necessary to ensure continuous operating capacity of the distribution system, ➤ A utility user agreement and a plan for educating the public and operators of the distribution system about the origin of the effluent in accordance with IDAPA 58.01.17.601.08.g. <p>Refer to Appendix A.12 of the <i>Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater</i> for a Plan of Operation checklist, and address all relevant items in the checklist.</p>

E. Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-216-02 Prior to construction and/or application of wastewater	<p>Submit plans and specifications for all proposed reuse systems to DEQ for review and approval prior to construction. The reuse system includes the treatment plant, all transmission lines, application areas and storage structures. The plans shall clearly delineate the relation of reuse water distribution lines to sewer collection and drinking water distribution lines.</p> <p>In public areas, exterior drinking fountains, picnic tables, food establishments and other public eating facilities shall be shown and called out on the construction plans, or specifically stated that none exist, and shall be placed out of any spray irrigation areas where reuse water is used.</p> <p>In instances where natural drainages and ephemeral streams are being re-routed, this shall be shown on the plans.</p> <p>Refer to IDAPA 58.01.17 subsections 401 and 601.02 for relevant requirements.</p>
CA-216-03 Sixty (60) days after completion of construction of each phase of the reuse areas	A scaled site map delineating wells, streams/canals, water bodies, wetlands, any BMPs constructed in conjunction with the runoff management plan and locations of each wastewater reuse area. Site maps shall be supplied by the permittee, as described in Appendix 2. An updated copy should also be included in the Plan of Operation.
CA-216-04 One hundred eighty (180) days prior to permit expiration	Submit an application package to DEQ for permit renewal that includes the most recent seepage test results.
CA-216-05 After twelve (12) months of operation of Class A facilities	The permittee shall submit to DEQ for review and approval a Disinfection Monitoring Report that summarizes the first year of operation for the Class A reuse system, including startup and any upset conditions. The report shall discuss results and adequacy of required daily bacteria monitoring. If plant performance indicates that a reduced monitoring frequency is appropriate, the report shall also propose a new frequency for the remainder of the permit term.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Type of Wastewater	Municipal Class A
Application Site Area	See maps in Appendix 2
Growing Season	April 1 through October 31 (214 days)
Non-growing Season	November 1 through March 31 (151 days)
Wastewater Treatment System Effluent Maximum Concentration Limits	
Coliform	The median number of total coliform organisms shall not exceed 2.2 colony forming units (CFU) per 100 milliliters (CFU/100 mL), as determined from the results of the last seven (7) days for which the analyses have been completed. In addition the number of total coliform organisms shall not exceed 23 CFU per 100 milliliters in any confirmed sample.
Disinfection	<p>As required by IDAPA 58.01.17, Class A effluent shall be disinfected by either:</p> <ul style="list-style-type: none"> ➤ A chlorine disinfection process that provides a concentration/contact time (CT) of four hundred and fifty (450) milligram-minutes per liter (mg-min/L) measured at the end of the contact time based on total chlorine residual and a modal contact time of not less than ninety (90) minutes based on peak day dry weather flow; or ➤ A disinfection process that when combined with filtration has been demonstrated to achieve 5-log inactivation of virus. <p>Reuse water shall be limited to the treatment plant grounds until the facility has either successfully demonstrated that the UV disinfection system meets the 5-log inactivation requirement or shows that a chlorine disinfection process will be implemented. DEQ approval is required prior to implementation.</p>
Turbidity	The daily arithmetic mean of all daily measurements shall not exceed two (2) Nephelometric Turbidity Units (NTU) and turbidity shall not exceed five (5) NTU at any time.
BOD ₅	Five-day Biological Oxygen Demand (BOD ₅) shall not exceed 10 mg/L based on a monthly arithmetic mean, as determined from weekly composite sampling.
pH	The pH, as determined by daily grab samples or continuous monitoring shall be between six point zero (6.0) and nine point zero (9.0), inclusive.
Total Nitrogen	Total Nitrogen (TKN +Nitrate-N + Nitrite-N) shall not exceed thirty (30) mg/L based on a monthly arithmetic mean as determined from weekly composite sampling.
Ground Water Quality	Wastewater reuse activities conducted by the permittee shall not cause a violation of the <i>Ground Water Quality Rule</i> (GWQR), IDAPA 58.01.11.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Redundancy	<p>Automatic activation of the redundant system (NPDES discharge) shall occur if turbidity exceeds five (5) NTU for more than five (5) minutes or if the disinfection system does not achieve the required 5-log removal/inactivation of virus for more than five (5) minutes.</p> <p>The maximum number of times that the turbidity or disinfection limits can be exceeded is twice in one week, all of which are required to be immediately reported in accordance with Section I of this permit.</p>
Buffer Zones	<p>All buffer zones must comply with local zoning ordinances, at minimum. Other minimum buffer zones are as follows:</p> <ul style="list-style-type: none"> • 0 ft from reuse site to inhabited dwellings • 0 ft from reuse site to areas accessible by the public • 0 ft from reuse site to permanent and intermittent surface water • 0 feet from reuse site to irrigation ditches and canals • 100 feet from reuse site to private water supply wells¹ • 100 feet from reuse site to public water supply wells¹ • Berms and other BMPs shall be used to protect the well head of on-site wells. <p>1) These buffer zone distances shall be maintained unless a Department-approved well location acceptability analysis indicates an alternative buffer zone is acceptable</p> <p>Drinking fountains, picnic tables, food establishments, and other public eating facilities shall be placed out of any spray irrigation area in which effluent is used, or shall be otherwise protected from contact with the effluent.</p>
Fencing and Posting	No fencing required. Signs shall be posted in accordance with IDAPA 58.01.17.
Construction Plans	Prior to construction or modification of all reuse water facilities associated with the reuse system or expansion, detailed plans and specifications shall be submitted for review and approval by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.
Supplemental Irrigation Water Supply Protection	Reuse water and supplemental irrigation water interconnections shall be equipped with DEQ-approved backflow prevention devices for the protection of supplemental irrigation water sources.
Wastewater Treatment Facility Operation	<p>The wastewater treatment facility shall be operated by personnel holding a license from the Idaho Bureau of Occupational Licenses (IBOL) equal to or greater than the classification of the wastewater treatment system.</p> <p>Operation of the wastewater treatment system shall be monitored on a 24-hour basis for alarm conditions and qualified operating personnel notified under alarm conditions.</p>

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Distribution System Operator Requirements	All operators of Class A effluent distribution systems, including home occupants, who utilize a combination of Class A effluent and other irrigation waters shall be required to sign a utility user agreement provided by the utility supplying the Class A effluent. The user agreement shall state that the user understands the origin of the effluent and the concept of agronomic rates for applying the Class A effluent. The provider of the Class A effluent shall undertake a public education program within its service area to teach potential customers the benefits and responsibilities of using Class A effluent.

G. Monitoring Requirements

The Permittee is allowed to apply reuse water 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*, or as approved by the Idaho 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 facility's Quality Assurance Project Plan (QAPP), which shall be part of the Operation and Maintenance Manual, as required by Compliance Activity CA-216-01 in Section E of this permit.
- 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. Reuse water monitoring is required at the frequency shown in the table below if reuse water is applied anytime during the time period shown.
- 5) Reuse Water Monitoring Procedure: Reuse water shall be sampled at the discharge point from the treatment system. Reuse water composite samples shall consist of one aliquot every six (6) hours over a 24-hour period. No aliquot shall be collected during times when reuse water is not being supplied.
- 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
Continuously	WW-021607	In-line continuously monitoring and recording turbidimeter	Turbidity
Daily, when directly applying or storing Class A water	Flow meter(s) or estimate	Volume of reuse water for each Class A Water use	Flow in MGD
Daily, when directly applying or storing Class A water ¹	WW-021607	Grab sample of reuse water	Total Coliform
Daily, when directly applying or storing Class A water	WW-021607	Grab sample or continuous monitoring	pH
Weekly, when directly applying or storing Class A water	WW-021607	Composite sample of reuse water (see Note 5), compiled as monthly arithmetic mean	Total Kjeldahl Nitrogen (TKN), Nitrate- + Nitrite-nitrogen, BOD ₅
Annually	Annual Report	Each Class A Water use	Acres (irrigation and snowmaking, only) Gallons (all uses)
Annually	All supplemental irrigation directly connected to the reuse water distribution system	Backflow testing	Document the testing of all backflow prevention devices for all supplemental irrigation directly connected to the reuse water distribution system(s). Report the testing date(s) and result of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.
Annually	All flow measurement locations	Flow measurement calibration for all flows	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly to measure all reuse water.
As necessary	Nuisance water complaints on private property	Complaint log with date and any follow-up actions taken	Keep a log of complaints of nuisance water such as wet yards and crawl spaces. Submit the complaint log (include previous years) in annual report.

¹ For first full year of Class A operation. See Compliance Activity CA-216-05.

H. Standard Reporting Requirements

- 1.) The Permittee shall submit an Annual Wastewater Reuse Site 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 following Regional DEQ Office:

Twin Falls Regional Office
1363 Fillmore St.
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. Wastewater discharges to surface water that require a permit under the Clean Water Act must be authorized by the U.S. Environmental Protection Agency.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.16.600.03. 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. 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 IDAPA 58.01.17.
5. The permittee shall allow the Director of the Idaho 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.
6. 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)

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 the 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.

I. Standard Permit Conditions: Procedures and Reporting

7. 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.

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 with respect to any conditions stated in this permit upon review and approval of the 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 the 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 the 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 Reuse 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 requests 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 the DEQ at least six (6) months prior to permanently removing any permitted reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the 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 the 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

CLASS A WATER USES FOR LA-000216-02

Description
Irrigation
Fire Suppression
Snowmaking
Future uses as allowed by the Reuse Rules

WASTEWATER SAMPLING POINTS

Serial Number	Description/Location
WW-021607	Following disinfection and prior to discharge from WWTP

LAGOONS

Serial Number	Description
LG-021601	Dollar Mountain Storage Reservoir

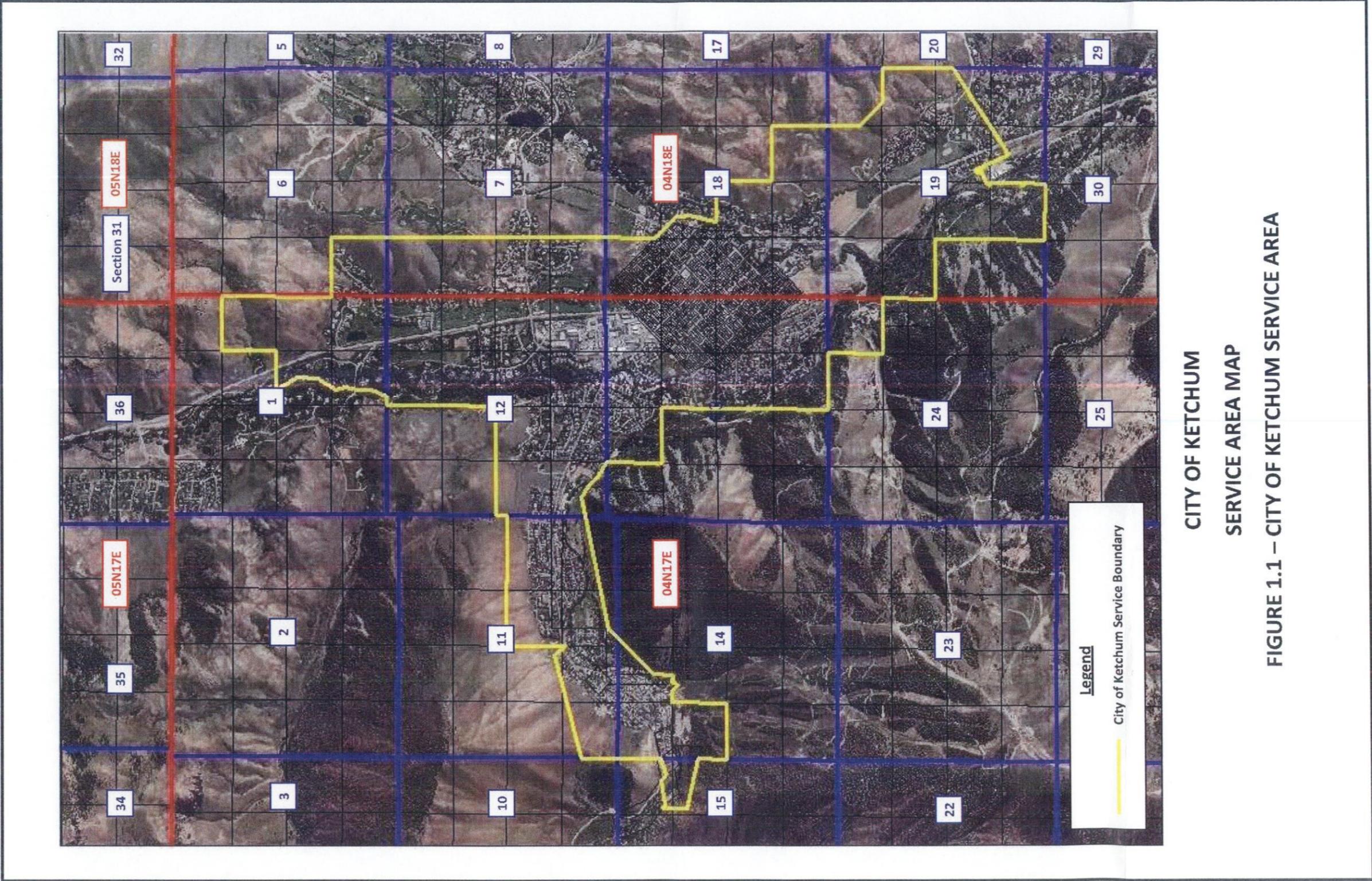
FLOW METERS

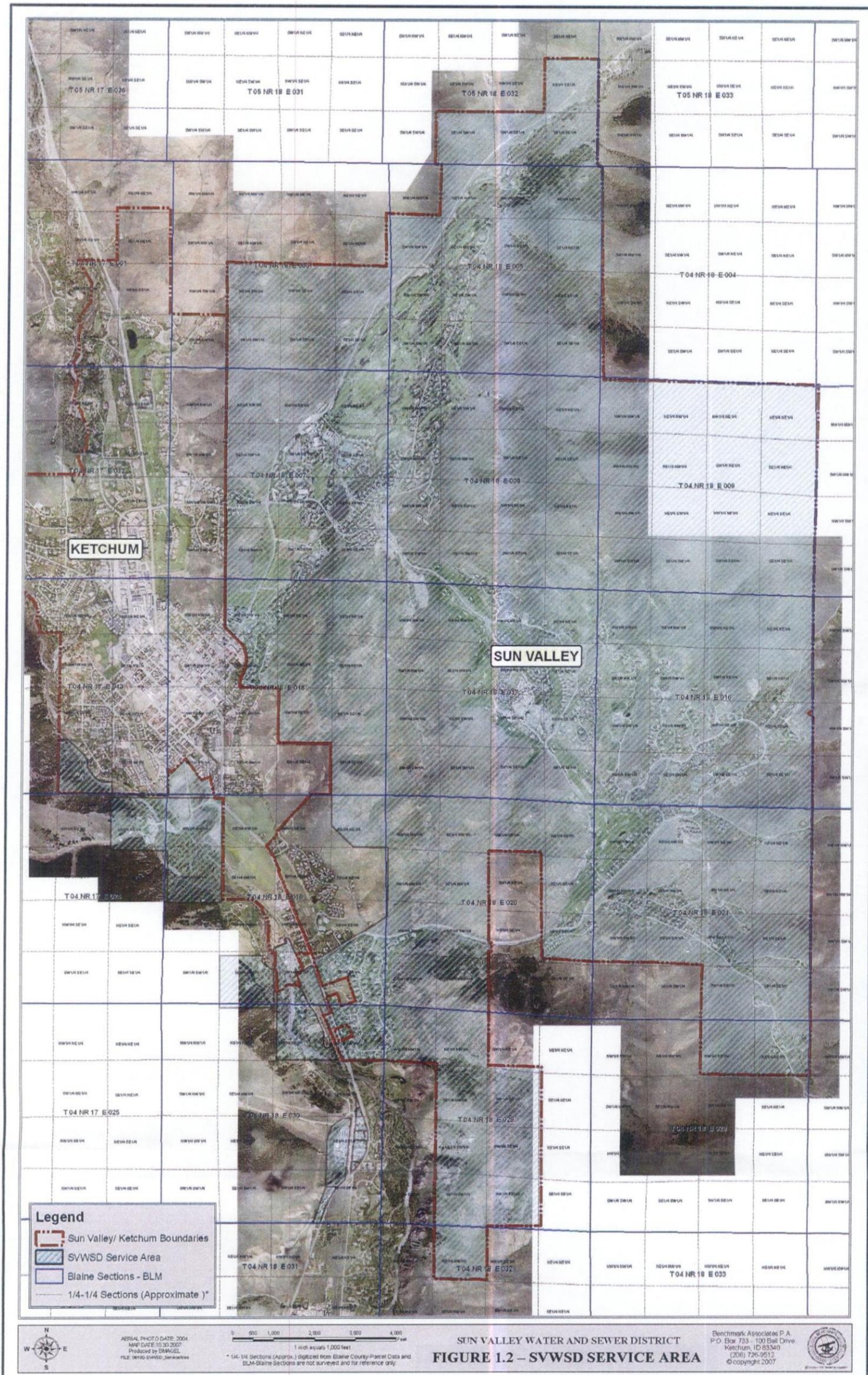
Serial Number	Description
FM-021601	Magnetometer at WWTP

Appendix 2 Site Maps

Site Maps

- a) Figure 1. General Location Map
 - General locations (property boundaries) of municipal plant and reuse site. Include township(s), range(s) and section(s).
 - Figure 1.1 – City of Ketchum Service Area
 - Figure 1.2 – SVWSD Service Area
- b) Figure 2. Management Unit Map
 - All hydraulic management units (including serial numbers), and all lagoons and storage structures (including serial numbers).
 - Figure 2.1 – City of Ketchum Class A Areas
 - Figure 2.2 – SVWSD Class A Areas
- c) Figure 3. Wells/Surface Water/Groundwater Flow Map (See Compliance Activity CA-216-03)
 - All private and public drinking water supply sources within ¼ mile of reuse sites; all springs, wetlands, and surface waters within ¼ mile of reuse sites; and groundwater contours and direction of flow.





Legend

- Sun Valley/ Ketchum Boundaries
- SWSD Service Area
- Blaine Sections - BLM
- 1/4-1/4 Sections (Approximate)*



AERIAL PHOTO DATE: 2004
MAP DATE: 10/30/2007
Produced by DIM/JEL
FILE: SVSWSD_SVSWSD.mxd

0 500 1,000 2,000 3,000 4,000 Feet
1 inch equals 1,000 feet
* 1/4-1/4 Sections (Approx.) digitized from Blaine County Parcel Data and BLM-Blaine Sections are not surveyed and for reference only.

SUN VALLEY WATER AND SEWER DISTRICT
FIGURE 1.2 – SWSD SERVICE AREA

Benchmark Associates P.A.
P.O. Box 733 - 100 East Drive
Ketchum, ID 83340
(208) 726-9512
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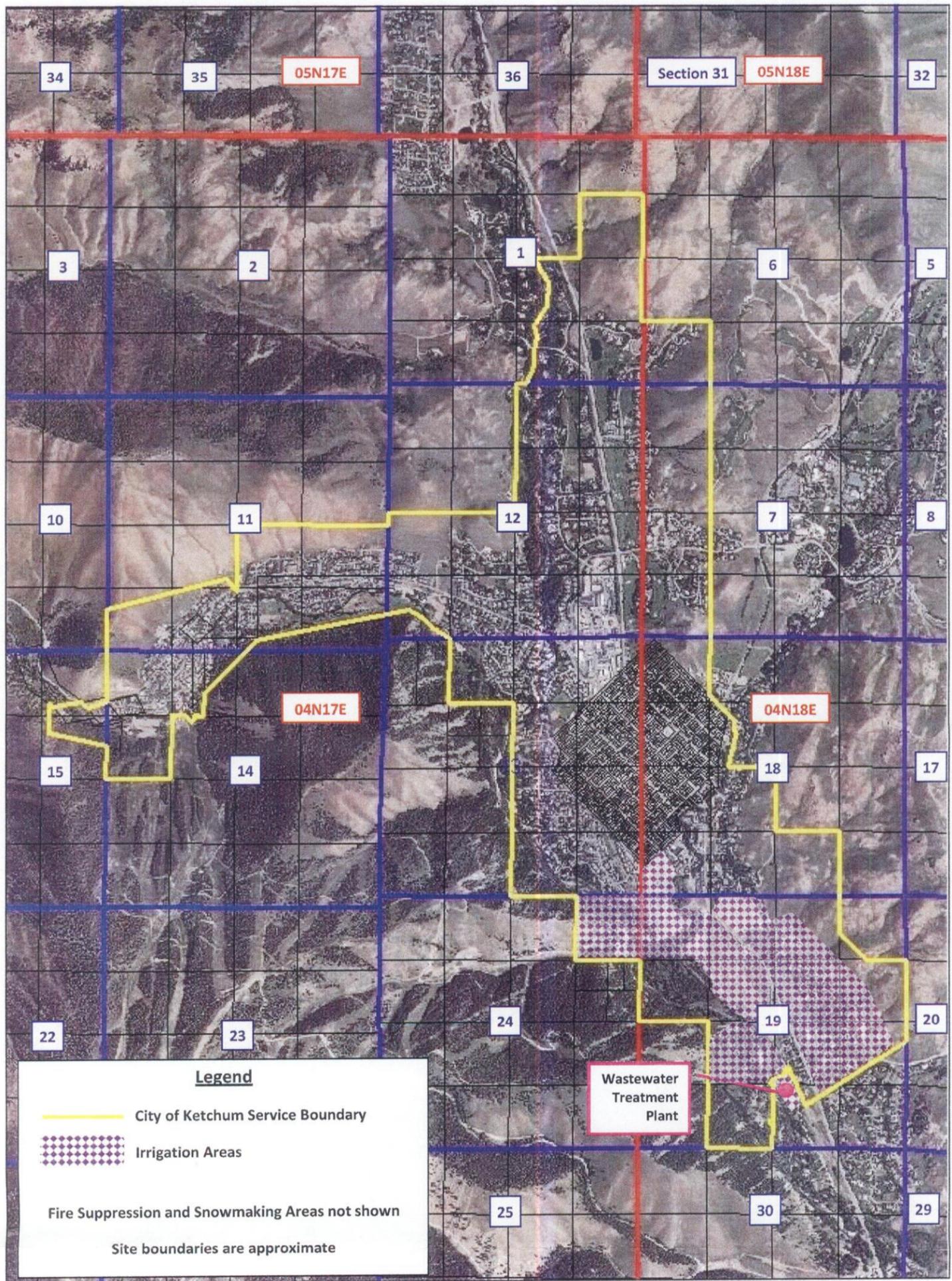
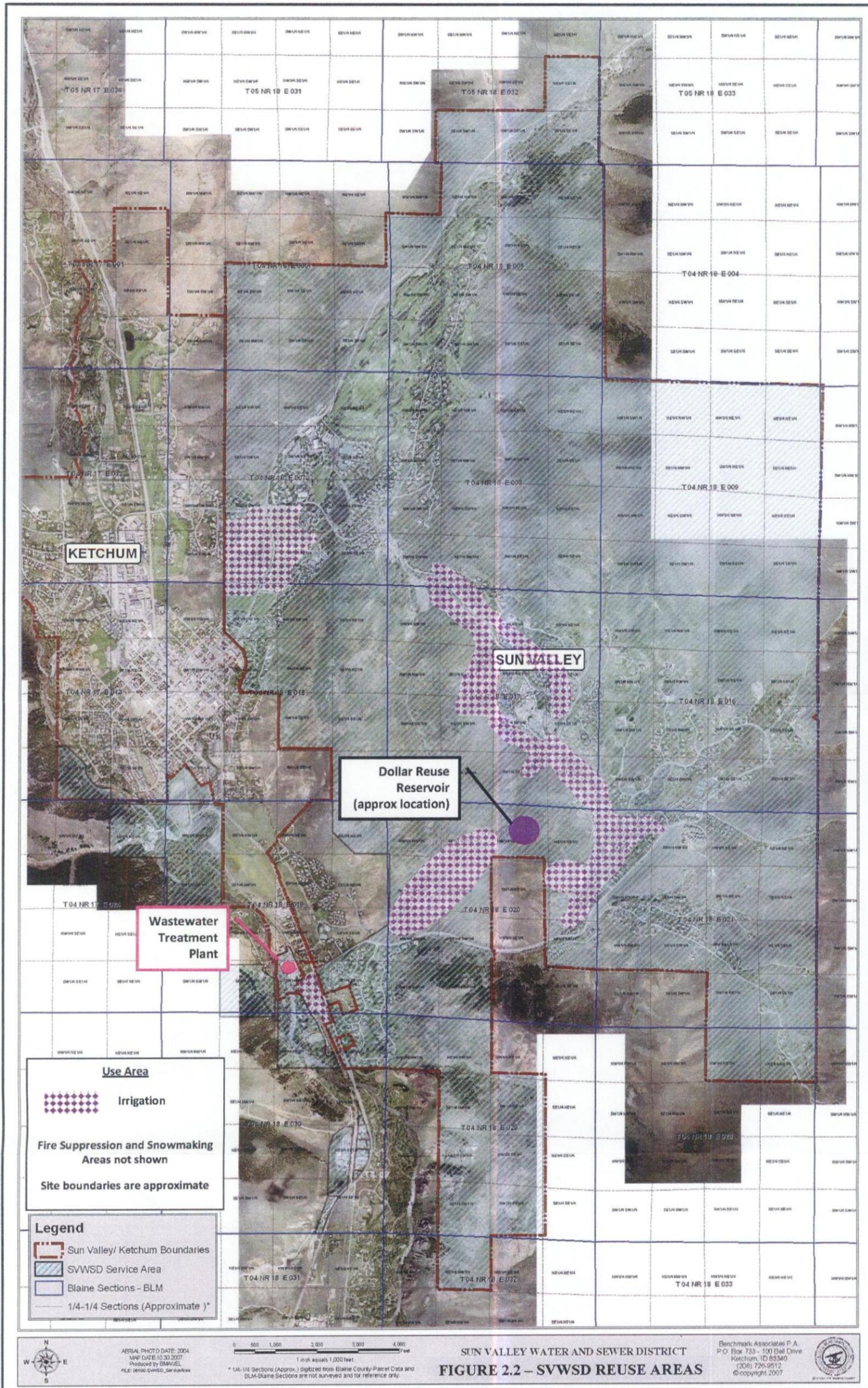


FIGURE 2.1 – CITY OF KETCHUM REUSE AREAS



SUN VALLEY WATER AND SEWER DISTRICT
FIGURE 2.2 - SVWSD REUSE AREAS

Benchmark Associates P.A.
P.O. Box 733 - 100 Bell Drive
Ketchum, ID 83340
(208) 726-9512
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