



Brian Schweitzer, Governor
Richard H. Opper, Director

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NOTICE OF PUBLICATION OF CATEGORICAL EXCLUSION
CITY AND COUNTY OF BUTTE-SILVER BOW, MONTANA
SRF #: C302225

BUTTE-SILVER BOW WASTEWATER TREATMENT PLANT PHASE 1A IMPROVEMENTS

September 23, 2010

The Montana Department of Environmental Quality has reviewed the above-named project. The project consists of installation of a new aerobic digester blower, an influent Parshall flume, and two vertical turbine effluent pumps. In addition, electrical modifications will be made to convert the existing 4160V electrical feed to a 480V feed at the Metro Wastewater Treatment Plant (WWTP). Instrumentation and control improvements will also be made to the existing supervisory control and data acquisition (SCADA) system. The proposed Phase 1A project is a continuation of planned upgrades to the WWTP. All improvements will occur within the existing wastewater treatment plant site (see attached maps) and no dewatering will be necessary. Substantial energy savings will result from replacement of one of the current blowers with the modern turbo-blower. Installation of the Parshall flume will allow for accurate influent flow measurement, as required by the City's Montana Pollutant Discharge Elimination System (MPDES) permit. The two new effluent pumps will provide better reliability and efficiency in pumping effluent to the existing sod farm for reuse. Use of 480V feed throughout the plant offers a safer environment than the existing high voltage conditions. Improvements to the SCADA system will automate the new Phase 1A system components and integrate them with other plant operations.

Pursuant to ARM 17.40.318, the Department has concluded that the proposed project meets the Categorical Exclusion criteria of the National Environmental Policy Act (NEPA) and the Montana Environmental Policy Act (MEPA). The Categorical Exclusion may be revoked if the project is not initiated within the time period specified in the Preliminary Engineering Report, a new or modified application is submitted, new evidence demonstrates serious local or environmental issues exist, or state, local, tribal, or federal laws are violated.

The documentation for the Categorical Exclusion is available for public review at the following locations:

Department of Environmental Quality
State Revolving Fund Loan Program
1520 East Sixth Avenue
Helena, MT 59620

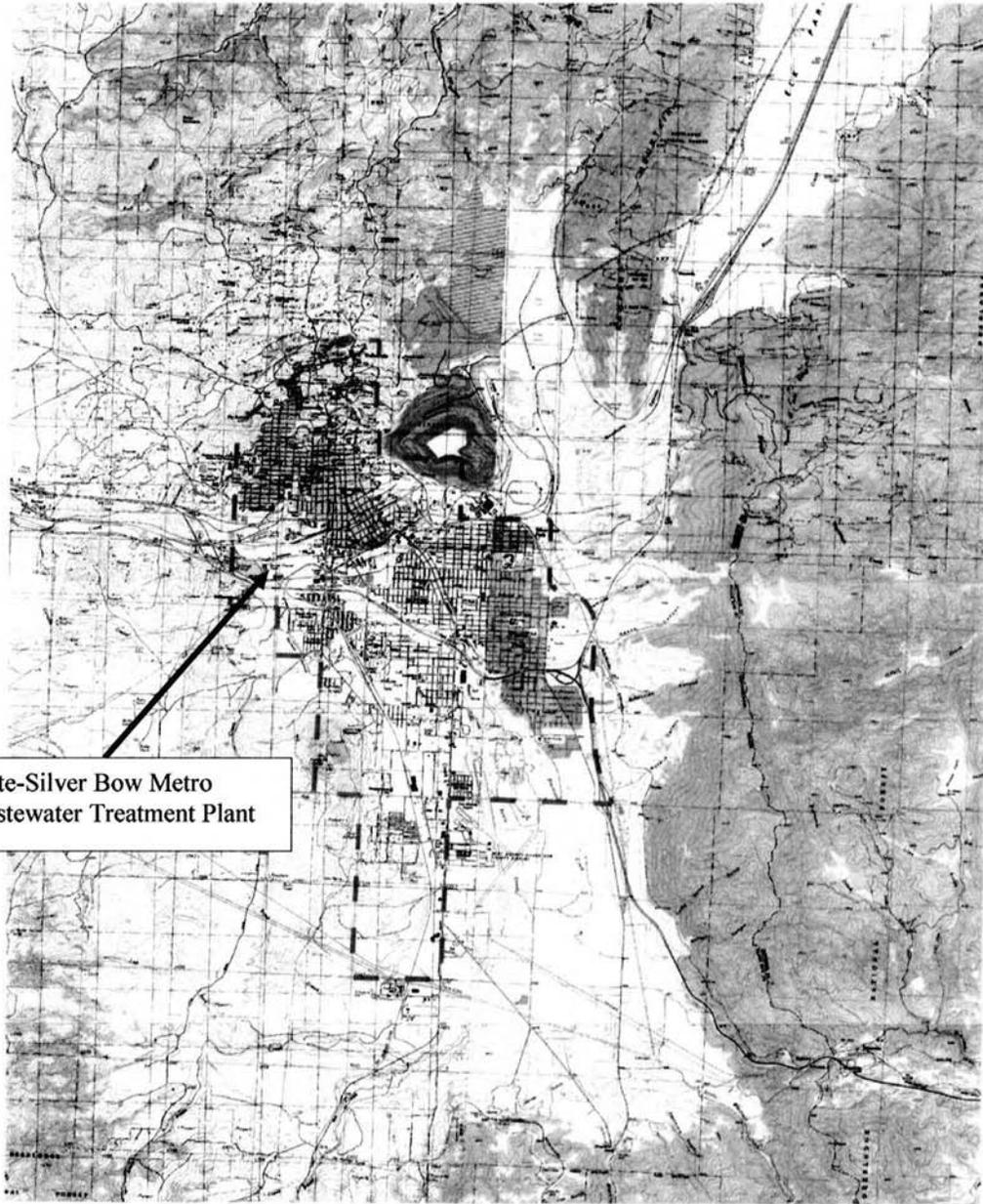
Butte-Silver Bow Metro Public Works Department
126 West Granite Street
Butte, MT 59701

Sincerely,

For Todd Teegarden, Bureau Chief
Technical & Financial Assistance Bureau
Planning Prevention & Assistance Division
Montana Department of Environmental Quality



**PROJECT LOCATION
BUTTE, MONTANA**



**Butte-Silver Bow Metro
Wastewater Treatment Plant**

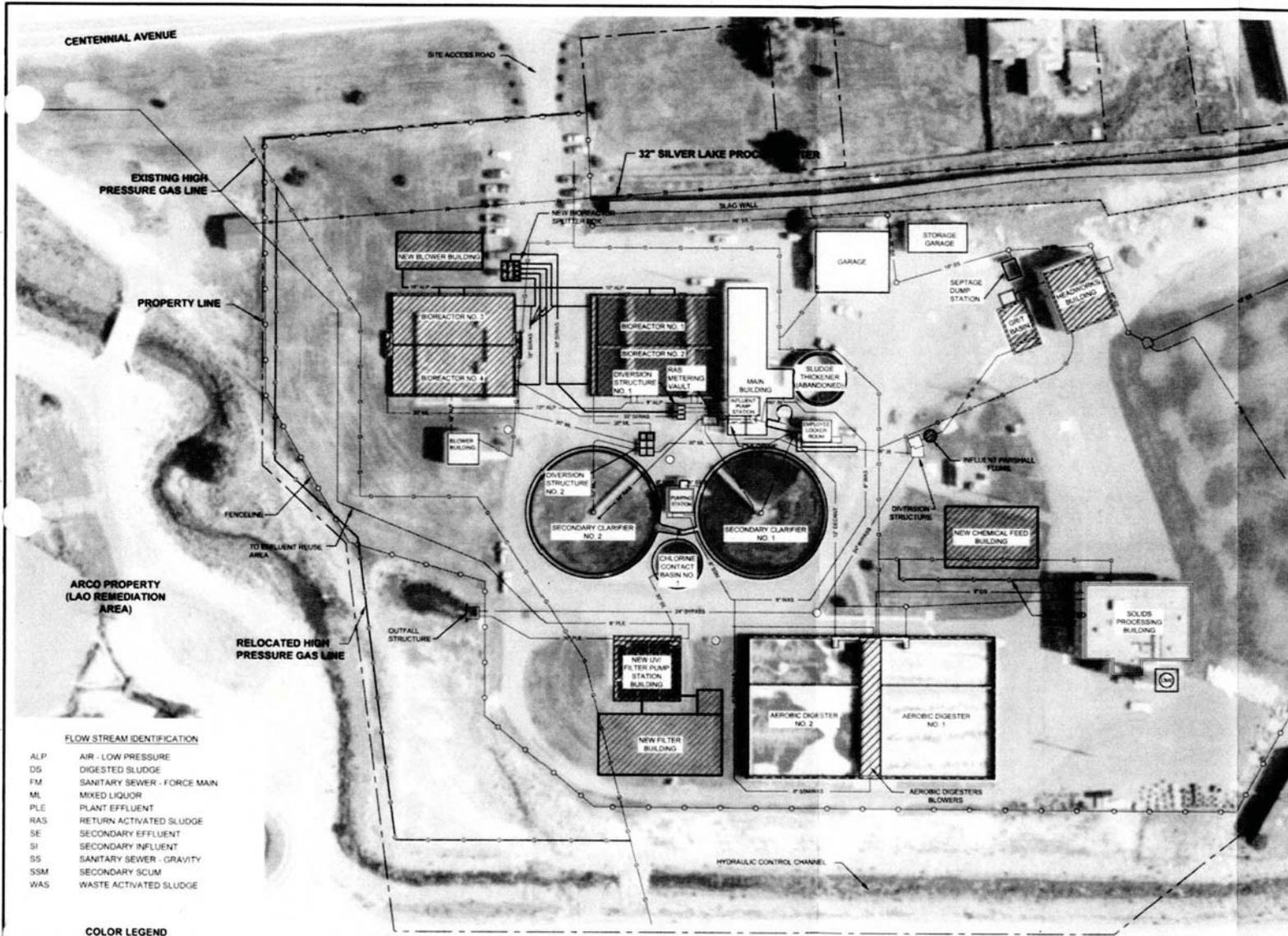


LEGEND:

--- WASTEWATER SERVICE AREA

<p>MORRISON MAIERLE, INC. All Engineering & Surveying A Complete & Comprehensive Service</p>	<p>Engineer: [Blank] Surveyor: [Blank] Planner: [Blank]</p>	<p>1. Engineering Firm: Butte, MT 59602 Phone: (406) 442-7050 Fax: (406) 442-7002</p>	<p>DESIGN BY: JAX CHECK BY: JAX APPROVE BY: JAX DATE: XXXXXX</p>	<p>METRO WASTEWATER TREATMENT PLANT UPGRADE</p>	<p>PROJECT NO: 2199-003</p>
	<p>BUTTE-SILVERBOW</p>			<p>MONTANA</p>	<p>FIGURE NUMBER: FIG.2-2</p>

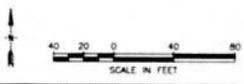
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- FLOW STREAM IDENTIFICATION**
- ALP AIR - LOW PRESSURE
 - DS DIGESTED SLUDGE
 - FM SANITARY SEWER - FORCE MAIN
 - ML MIXED LIQUOR
 - PLE PLANT EFFLUENT
 - RAS RETURN ACTIVATED SLUDGE
 - SE SECONDARY EFFLUENT
 - SI SECONDARY INFLUENT
 - SS SANITARY SEWER - GRAVITY
 - SSM SECONDARY SCUM
 - WAS WASTE ACTIVATED SLUDGE

COLOR LEGEND

	PHASE 1
	PHASE 2
	PHASE 3



<p>MORRISON MAIERLE, INC. No Employees Outside Company</p>	Engineers Surveyors Sanitarians Planners	1 Engineering Place Helena MT 59602 Phone (406) 442-3090 Fax (406) 442-7862	DRAWN BY: <u>DAD</u> CHKT BY: <u>JAP</u> APPR BY: <u>WAS</u> DATE: <u>3/2007</u>	BUTTE BUTTE - SILVER BOW ME
	R:\219803\SACAD\en0609\FQ-3-1 thru 15-3.dwg Plotted by julfahf on 7/4/02/2007			WWTP SITE PLAN