



Visual: Is the project located within or adjacent to a designated scenic roadway, or would the project have the potential to impact scenic resources that are visible from public locations?

Transportation: Would project construction or operation have the potential to substantially interfere with existing traffic patterns or transit operations.

Historical Resources: Is the project located on a site with a known or potential historical resource?

Other: \_\_\_\_\_

### 3. CATEGORICAL EXEMPTION DETERMINATION

Further Environmental Review Required.

Notes: \_\_\_\_\_

No Further Environmental Review Required. Project is categorically exempt under CEQA.

\_\_\_\_\_  
Planner's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name, Title

Project Approval Action: \_\_\_\_\_

Once signed and dated, this document constitutes a categorical exemption pursuant to CEQA Guidelines and Chapter 31 of the Administrative Code.



# SAN FRANCISCO PLANNING DEPARTMENT

## ENVIRONMENTAL EVALUATION APPLICATION COVER MEMO - PUBLIC PROJECTS ONLY

In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination can only be filed within 30 days of the project receiving the first approval action.

**Please attach this memo along with all necessary materials to the Environmental Evaluation Application.**

<b>Project Address and/or Title:</b>	
<b>Funding Source (MTA only):</b>	
<b>Project Approval Action:</b>	
<b>Will the approval action be taken at a noticed public hearing?</b> <input type="checkbox"/> YES* <input type="checkbox"/> NO * If YES is checked, please see below.	

### IF APPROVAL ACTION IS TAKEN AT A NOTICED PUBLIC HEARING, INCLUDE THE FOLLOWING CALENDAR LANGUAGE:

**End of Calendar:** CEQA Appeal Rights under Chapter 31 of the San Francisco Administrative Code If the Commission approves an action identified by an exemption or negative declaration as the Approval Action (as defined in S.F. Administrative Code Chapter 31, as amended, Board of Supervisors Ordinance Number 161-13), then the CEQA decision prepared in support of that Approval Action is thereafter subject to appeal within the time frame specified in S.F. Administrative Code Section 31.16. Typically, an appeal must be filed within 30 calendar days of the Approval Action. For information on filing an appeal under Chapter 31, contact the Clerk of the Board of Supervisors at City Hall, 1 Dr. Carlton B. Goodlett Place, Room 244, San Francisco, CA 94102, or call (415) 554-5184. If the Department’s Environmental Review Officer has deemed a project to be exempt from further environmental review, an exemption determination has been prepared and can be obtained on-line at <http://sf-planning.org/index.aspx?page=3447>. Under CEQA, in a later court challenge, a litigant may be limited to raising only those issues previously raised at a hearing on the project or in written correspondence delivered to the Board of Supervisors, Planning Commission, Planning Department or other City board, commission or department at, or prior to, such hearing, or as part of the appeal hearing process on the CEQA decision.

**Individual calendar items:** This proposed action is the Approval Action as defined by S.F. Administrative Code Chapter 31.

### THE FOLLOWING MATERIALS ARE INCLUDED:

- 2 sets of plans (11x17)
- Project description
- Photos of proposed work areas/project site
- Necessary background reports (specified in EEA)
- MTA only: Synchro data for lane reductions and traffic calming projects

# APPLICATION FOR Environmental Evaluation

## 1. Owner/Applicant Information

PROPERTY OWNER'S NAME: San Francisco Public Utilities Commission Hetch Hetchy Water and Power	
PROPERTY OWNER'S ADDRESS: 525 Golden Gate Avenue, 13th Floor San Francisco, CA 94102-3220	TELEPHONE: ( 415 ) 554-3155 EMAIL: www.sfwater.org

APPLICANT'S NAME: San Francisco Public Utilities Commission Bureau of Environmental Management <span style="float: right;">Same as Above <input type="checkbox"/></span>	
APPLICANT'S ADDRESS: 525 Golden Gate Avenue, Suite 600 San Francisco, CA 94102-3220	TELEPHONE: ( 415 ) 934-5700 EMAIL: BEM@sfwater.org

CONTACT FOR PROJECT INFORMATION: Barry Pearl, AICP, MPA, Senior Environmental Project Manager <span style="float: right;">Same as Above <input type="checkbox"/></span>	
ADDRESS: 525 Golden Gate Avenue, Suite 600 San Francisco, CA 94102-3220	TELEPHONE: ( 415 ) 551-4573 EMAIL: bpearl@sfwater.org

## 2. Location and Classification

STREET ADDRESS OF PROJECT: Lakeshore Drive, Town of Moccasin, Tuolumne County		ZIP CODE: 95347
CROSS STREETS: Moccasin Switchback Road		
ASSESSORS BLOCK/LOT: N/A / N/A	LOT DIMENSIONS: N/A	LOT AREA (SQ FT): N/A
ZONING DISTRICT: N/A	HEIGHT/BULK DISTRICT: N/A	
COMMUNITY PLAN AREA (IF ANY): N/A		

## 3. Project Description

( Please check all that apply ) <input type="checkbox"/> Change of Use <input type="checkbox"/> Change of Hours <input type="checkbox"/> New Construction <input type="checkbox"/> Alterations <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> Other Please clarify: <u>Rewind Generators</u>	<b>ADDITIONS TO BUILDING:</b> <input type="checkbox"/> Rear <input type="checkbox"/> Front <input type="checkbox"/> Height <input type="checkbox"/> Side Yard	PRESENT OR PREVIOUS USE: SFPUC Power Enterprise Moccasin Powerhouse
		PROPOSED USE: SFPUC Power Enterprise Moccasin Powerhouse
		BUILDING APPLICATION PERMIT NO.: N/A

#### 4. Project Summary Table

If you are not sure of the eventual size of the project, provide the maximum estimates.

	EXISTING USES:	EXISTING USES TO BE RETAINED:	NET NEW CONSTRUCTION AND/OR ADDITION:	PROJECT TOTALS:
<b>PROJECT FEATURES</b>				
Dwelling Units	N/A	N/A	N/A	N/A
Hotel Rooms	N/A	N/A	N/A	N/A
Parking Spaces	N/A	N/A	N/A	N/A
Loading Spaces	N/A	N/A	N/A	N/A
Number of Buildings	One	One	N/A	One
Height of Building(s)	~30 feet	~30 feet	N/A	~30 feet
Number of Stories	One	One	N/A	One
Bicycle Spaces	N/A	N/A	N/A	N/A
<b>GROSS SQUARE FOOTAGE (GSF)</b>				
Residential	N/A	N/A	N/A	N/A
Retail	N/A	N/A	N/A	N/A
Office	N/A	N/A	N/A	N/A
Industrial	N/A	N/A	N/A	N/A
PDR Production, Distribution, & Repair	N/A	N/A	N/A	N/A
Parking	N/A	N/A	N/A	N/A
Other (Specify Use)	Utility ~15,230	~15,230	N/A	~15,230
<b>TOTAL GSF</b>	<b>~15,230</b>	<b>~15,230</b>	<b>N/A</b>	<b>~15,230</b>

Please provide a narrative project description that summarizes the project and its purpose or describe any additional features that are not included in this table. Please list any special authorizations or changes to the Planning Code or Zoning Maps if applicable.

The Powerhouse was completed in 1969 and measures 98 feet by 158 feet. The concrete and steel structure is located on Lakeshore Drive in the Town of Moccasin. Adjacent to the Powerhouse is a Control Building measuring 26.5 feet by 69 feet, also built of reinforced concrete. A photograph of the Powerhouse is attached. The Powerhouse contains two vertical shaft turbines, each rated 71,500 horsepower (hp) and two generators, each rated 50,000/57,500 kilovolt amperes (kVA) (SFPUC Data Book Revised 1994). The Powerhouse generates 540 million kilowatt hours annually on average.

Rehabilitation of the two generators would ensure reliable operation and power generation to continue to supply electric power to facilities of the City and County of San Francisco including the Municipal Railway System, San Francisco International Airport, the San Francisco Unified School District, and municipal buildings including City Hall.

The SFPUC proposes award of a design-build contract to replace the Generator No.1 and No.2 stator core and coils to uprate each generator from 57.5 MegaVoltAmps (MVA) to a new rating of 61 MVA. Also the project would involve rehabilitation of the rotor field poles (with new pole cores and re-insulated field coils), replacement of the rotor pole/rim tail connection system with a new T-tail connection system, and supply of a new rotor rim for each generator following inspection and testing.

Since their original installation, the generators have not had any major maintenance work done (no rewinds or overhauls).

5. Environmental Evaluation Project Information

1. **Would the project involve a major alteration of a structure constructed 45 or more years ago or a structure in a historic district?**  YES  NO

If yes, submit the *Supplemental Information for Historic Resource Evaluation* application.

2. **Would the project involve demolition of a structure constructed 45 or more years ago or a structure located in a historic district?**  YES  NO

If yes, a historic resource evaluation (HRE) report will be required. The scope of the HRE will be determined in consultation with Preservation Planning staff.

3. **Would the project result in excavation or soil disturbance/modification?**  YES  NO

If yes, please provide the following:

Depth of excavation/disturbance below grade (in feet): \_\_\_\_\_

Area of excavation/disturbance (in square feet): \_\_\_\_\_

Amount of excavation (in cubic yards): \_\_\_\_\_

Type of foundation to be used (if known) and/or other information regarding excavation or soil disturbance modification:

*Note: A geotechnical report prepared by a qualified professional must be submitted if one of the following thresholds apply to the project:*

- *The project involves a lot split located on a slope equal to or greater than 20 percent.*
- *The project is located in a seismic hazard landslide zone or on a lot with a slope average equal to or greater than 20 percent and involves either*
  - *excavation of 50 or more cubic yards of soil, or*
  - *building expansion greater than 1,000 square feet outside of the existing building footprint.*

*A geotechnical report may also be required for other circumstances as determined by Environmental Planning staff.*

4. **Would the project involve any of the following: (1) construction of a new building, (2) relocation of an existing building, (3) addition of a new dwelling unit, (4) addition of a garage or parking space, (5) addition of 20 percent or more of an existing building's gross floor area, or (6) paving or repaving of 200 or more square feet of an existing building's front setback?**  YES  NO

If yes, please submit a *Tree Planting and Protection Checklist*.

**5. Would the project result in any construction over 40 feet in height?**

YES  NO

If yes, please submit a *Shadow Analysis Application*. This application should be filed at the PIC and should not be included with the Environmental Evaluation Application. (If the project already underwent Preliminary Project Assessment, this application may not be needed. Please refer to the shadow discussion in the PPA letter.)

**6. Would the project result in a construction of a structure 80 feet or higher?**

YES  NO

If yes, an initial review by a wind expert, including a recommendation as to whether a wind analysis is needed, may be required, as determined by Planning staff. (If the project already underwent Preliminary Project Assessment, please refer to the wind discussion in the PPA letter.)

**7. Would the project involve work on a site with an existing or former gas station, auto repair, dry cleaners, or heavy manufacturing use, or a site with underground storage tanks?**

YES  NO

If yes, please submit a Phase I Environmental Site Assessment (ESA) prepared by a qualified consultant. If the project is subject to Health Code Article 22A, Planning staff will refer the project sponsor to the Department of Public Health for enrollment in DPH's Maher program.

**8. Would the project require any variances, special authorizations, or changes to the Planning Code or Zoning Maps?**

YES  NO

If yes, please describe.

**9. Is the project related to a larger project, series of projects, or program?**

YES  NO

If yes, please describe.

# Estimated Construction Costs

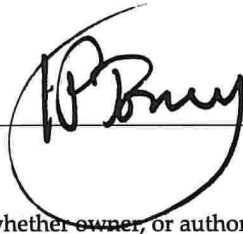
TYPE OF APPLICATION: N/A	
OCCUPANCY CLASSIFICATION: Group U	
BUILDING TYPE: Type I	
TOTAL GROSS SQUARE FEET OF CONSTRUCTION:  15,230	BY PROPOSED USES: Electric Utility Powerhouse
ESTIMATED CONSTRUCTION COST: N/A	
ESTIMATE PREPARED BY:	
FEE ESTABLISHED:	

## Applicant's Affidavit

Under penalty of perjury the following declarations are made:

- a: The undersigned is the owner or authorized agent of the owner of this property.
- b: The information presented is true and correct to the best of my knowledge.
- c: Other information or applications may be required.

Signature: \_\_\_\_\_



Date: 07/21/2014

Print name, and indicate whether owner, or authorized agent:

Irina P. Torrey, AICP, Bureau Manager

Owner / Authorized Agent (circle one)





# Environmental Evaluation Application Submittal Checklist

APPLICATION MATERIALS	PROVIDED	NOT APPLICABLE
Two originals of this application signed by owner or agent, with all blanks filled in.	<input type="checkbox"/>	
Two hard copy sets of project drawings in 11" x 17" format showing existing and proposed site plans with structures on the subject property and on immediately adjoining properties, and existing and proposed floor plans, elevations, and sections of the proposed project.	<input type="checkbox"/>	
One CD containing the application and project drawings and any other submittal materials that are available electronically. (e.g., geotechnical report)	<input type="checkbox"/>	
Photos of the project site and its immediate vicinity, with viewpoints labeled.	<input type="checkbox"/>	
Check payable to San Francisco Planning Department.	<input type="checkbox"/>	
Letter of authorization for agent.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Supplemental Information for Historic Resource Evaluation</i> , as indicated in Part 5 Question 1.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Historic Resource Evaluation</i> , as indicated in Part 5 Question 2.	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical report, as indicated in Part 5 Question 3.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Tree Planting and Protection Checklist</i> , as indicated in Part 5 Question 4.	<input type="checkbox"/>	<input type="checkbox"/>
Phase I Environmental Site Assessment, as indicated in Part 5 Question 7.	<input type="checkbox"/>	<input type="checkbox"/>
Additional studies (list).	<input type="checkbox"/>	<input type="checkbox"/>

For Department Use Only

Application received by Planning Department:

By: \_\_\_\_\_

Date: \_\_\_\_\_



**SAN FRANCISCO  
PLANNING  
DEPARTMENT**

**FOR MORE INFORMATION:**  
Call or visit the San Francisco Planning Department

**Central Reception**  
1650 Mission Street, Suite 400  
San Francisco CA 94103-2479

TEL: **415.558.6378**  
FAX: **415 558-6409**  
WEB: **<http://www.sfplanning.org>**

**Planning Information Center (PIC)**  
1660 Mission Street, First Floor  
San Francisco CA 94103-2479

TEL: **415.558.6377**

*Planning staff are available by phone and at the PIC counter.  
No appointment is necessary.*



July 28, 2014

Chris Kern, Senior Environmental Planner  
 Environmental Planning Division  
 San Francisco Planning Department  
 1650 Mission Street, Suite 400  
 San Francisco, CA 94103

RE: SFPUC Power Enterprise  
 Moccasin Powerhouse Generators  
 Rewind Project  
 Town of Moccasin,  
 Tuolumne County  
 CEQA Exemption Request  
 Design-Build Contract Number 121

Dear Chris:

The San Francisco Public Utilities Commission (SFPUC) requests review of the proposed Moccasin Powerhouse Generators Rewind Project (Project) under the California Environmental Quality Act (CEQA). The purposes of this letter are to (1) provide the Environmental Planning Division (EP) with a detailed description of the Project, and (2) request EP concurrence that the proposed Project is categorically exempt under CEQA Guidelines Section 15301, Class 1. Class 1, Subsection (b) provides an exemption for “Existing facilities of both investor and publicly-owned utilities used to provide **electric power**, natural gas, sewerage or other public utility services)” (emphasis added) involving negligible or no expansion of an existing use.

The following describes the proposed Project, illustrates the proposed Project would not result in any significant adverse environmental impacts, and provides support for our recommendation that the Project is categorically exempt from CEQA review.

Described below is information, which summarizes the proposed Project. Environmental information is also presented and CEQA compliance is addressed.

**Edwin M. Lee**  
 Mayor

**Vince Courtney**  
 President

**Ann Moller Caen**  
 Vice President

**Francesca Viotor**  
 Commissioner

**Anson Moran**  
 Commissioner

**Art Torres**  
 Commissioner

**Harlan L. Kelly, Jr.**  
 General Manager



## **BACKGROUND**

The Moccasin Powerhouse is located in the Town of Moccasin in western Tuolumne County at the intersection of State Routes 49 and 120 (37°48'31.71"N and 120°17'57.12"N)

The Powerhouse was completed in 1969 and measures 98 feet by 158 feet. The concrete and steel structure is located on Lakeshore Drive in the Town of Moccasin. Adjacent to the Powerhouse is a Control Building measuring 26.5 feet by 69 feet, also built of reinforced concrete. A photograph of the Powerhouse is attached.

The Powerhouse contains two vertical shaft turbines, each rated 71,500 horsepower (hp) and two generators, each rated 50,000/57,500 kilovolt amperes (kVA) (SFPUC Data Book Revised 1994). The Powerhouse generates 540 million kilowatt hours annually on average.

Rehabilitation of the two generators would ensure reliable operation and power generation to continue to supply electric power to facilities of the City and County of San Francisco including the Municipal Railway System, San Francisco International Airport, the San Francisco Unified School District, and municipal buildings including City Hall.

## **PROJECT DESCRIPTION**

The SFPUC proposes award of a design-build contract to replace the Generator No.1 and No.2 stator core and coils to uprate each generator from 57.5 MegaVoltAmps (MVA) to a new rating of 61 MVA. Also the project would involve rehabilitation of the rotor field poles (with new pole cores and re-insulated field coils), replacement of the rotor pole/rim tail connection system with a new T-tail connection system, and supply of a new rotor rim for each generator following inspection and testing.

Since their original installation, the generators have not had any major maintenance work done (no rewinds or overhauls).

Work would be conducted on each generator sequentially so that one generator would be in service during the contract duration.

Rehabilitation of the generators would not expand the Powerhouse building. Replacement of existing materials with new materials would improve the efficiency of generators. Less stray current would be lost in the new core and more copper would be contained in the winding due to new improved insulation. The new design would also improve efficiency. At the present time, until the rewound generators are in use and tested, it is uncertain whether additional power can be generated as a result of the proposed Rewind Project.

### **Project Duration and Schedule**

Total duration of the proposed design-build contract is 1,040 days or approximately 2 years and 10 months. Contract duration would include both design and construction so work on the Project site would be less than the 1,040 calendar days. Work would be conducted during normal construction hours, 7:00 am to 5:00 pm, Monday through Friday.

Evening and weekend work is not anticipated.

### **Project Equipment**

The following equipment would be used during the generators renovation project:

- Welding equipment - work to be performed inside the Powerhouse
- Brazing Machine – Internal work.
- 5 Ton Mobile Crane – to place the rotor poles on the rotors
- Flatbed trucks to deliver equipment and materials
- 8 each Work Trucks  $\frac{3}{4}$  Ton, transportation for work crew only.
- Table Saw
- Hi-pot test set
- Band Saw
- Table Sander
- Hand tools
- Angle grinders, drills

### **Site Access and Staging**

Access to and from the Project site would be over State Route 120 and Moccasin Switchback Road. Vehicles and equipment used for the generators renovation would be staged on a site adjacent to the "Old Moccasin

Powerhouse” adjacent to the Project site. See attached site plan. The staging area is identified on the site plan as the “Contractors Laydown Area”.

Equipment and debris removed from the Powerhouse would either be recycled or disposed of according to the provisions of the San Francisco Construction and Demolition Debris Ordinance.

### **SFPUC Standard Construction Measures**

The SFPUC requires the Standard Construction Measures issued February 7, 2007 (on file at EP) be implemented, as applicable, for all of its projects. These measures would be applied to this Project as well.

### **ENVIRONMENTAL INFORMATION**

#### *Aesthetics*

The proposed Rewind Project would not alter the appearance of the existing Powerhouse which is compatible with other structures in the Moccasin Corporation Yard. While the generators are exposed on the roof of the Powerhouse (see attached photograph), the appearance of the generators would remain the same when the Project is complete. The Powerhouse is visible from State Route 49 on the west side of Moccasin Reservoir. The white color of the generators would not be changed as the result of completion of the proposed Project.

Therefore adverse effects to the visual environment are not anticipated.

#### *Air Quality*

Emissions of dust and air pollutants during Project activity are expected to be minimal given the confined nature of the Project and limited use of construction equipment and transport vehicles. No ground-disturbing activities are proposed.

A limited number of truck trips is anticipated to transport the equipment and materials to and from the Project site. While equipment such as grinders, sanders and brazing equipment would be used during the Rewind Project, particles generated by these hand tools should be larger in size and should generally be confined to the specific area of the Powerhouse and the

Contractor's Laydown Area and should not be windblown toward residences in the Town of Moccasin.

Based upon implementation of Standard Construction Measure Number 3 to control dust, adverse effects on air quality are not anticipated.

#### *Biological Resources*

As indicated above, the proposed Rewind Project would not require any ground-disturbing activities. Nor would the Rewind Project require removal or trimming trees or other landscaping. The Contractor's Laydown Area is a paved area currently used for open equipment storage.

It is not anticipated the proposed Rewind Project would disturb nesting birds in trees in the surrounding area or bat species in the Project vicinity, if present.

Therefore adverse effects to biological resources are not anticipated.

#### *Archaeological Resources and Historical Resources*

As indicated in the Project Description above, the Moccasin Powerhouse was constructed in 1969 and is therefore 45 years old. Structures must be at least 50 years old to qualify for potential listing on the National Register of Historic Places or the California Register of Historical Resources.

None of the facilities within the Town of Moccasin have been identified as a historic resource by Tuolumne County.

A Historic Resource Evaluation Report was prepared by VerPlanck Historic Preservation Consulting dated August 23, 2012 for the SFPUC for the Moccasin Facilities Upgrade Project (Planning Department Case Number 2011.0835E). A copy of the Final Report is on file at the Environmental Planning Division. The Final Historic Resource Evaluation Report identified a proposed Historic District (See Figure 58, Page 63 of the Final Report.) which excluded the Powerhouse from the proposed Historic District boundary.

The "Old" Powerhouse, constructed between 1923 and 1925, adjacent to the "New" Powerhouse was determined both individually eligible for listing on the National Register of Historic Places and a contributory building to the proposed

Moccasin Historic District. The proposed Rewind Project would not affect the "Old" Powerhouse building.

As indicated in the Project Description, the proposed Contractor's Laydown Area would be located in the paved equipment storage area adjacent to the "Old" Powerhouse. The proposed Laydown Area is located within the boundary of the Proposed Historic District. In order to avoid any potential damage to the exterior (east) side of the "Old" Powerhouse, a row of "K" rails would be placed between the Powerhouse and the Contractor's Laydown Area. Temporary use of the Contractor's Laydown Area would not alter the paved area nor would it compromise future designation of the Historic District.

Therefore adverse effects to archeological and historic resources are not anticipated.

#### *Hazards and Hazardous Materials*

State Water Resources Control Board (SWRCB) Geotracker and State Department of Toxic Substances Control (DTSC) Geostor databases were reviewed by SFPUC staff. No leaking underground (fuel) storage tank (LUST) cleanup sites, Spills, Leaks, Investigations and Cleanup (SLIC), Land Disposal, Department of Defense Non-Underground Storage Tank (DOD Non-UST), DTSC Hazardous Waste and Substances Site List (Cortese List), or Underground Storage Tank (UST) sites were identified on or in the vicinity of the Project site.

Contract technical specifications would ensure that metal debris generated during the sanding and grinding processes would be captured and disposed of or recycled according to applicable local, State and federal regulations.

The construction contractor would be required to maintain a spill kit on site in the event fuels (gasoline or diesel) or lubricants are spilled during Project activity.

Therefore, adverse effects related to potential exposure of construction workers or the public to hazardous materials are not anticipated.

### *Noise*

The nearest residences to the Powerhouse within the town of Moccasin are approximately 570 feet north and 830 feet east. The "Old" Powerhouse is located between the "New" Powerhouse and the residences to the north. A number of maintenance buildings are located between the "New" Powerhouse and the nearest residence to the east.

Tuolumne County has not adopted a noise control ordinance to regulate construction noise. Weekend and evening work is not anticipated but may be necessary. The distance from the Powerhouse to the nearest receptors should minimize construction noise audible to residents.

Therefore, adverse noise effects are not anticipated.

### *Recreation*

The Moccasin Corporation Yard in the area around the Powerhouse is not open to the public therefore recreational activity on the Powerhouse site does not occur. Because the Generators Rewind Project construction and staging would be confined within the Corporation Yard, recreation use of nearby Town of Moccasin facilities (open to SFPUC employees and their families only) would not be disrupted. Therefore, adverse effects to recreational activities are not anticipated.

### *Transportation*

Traffic generated by the Project would be limited to workers commuting to and from the Project site and movement of vehicles and equipment needed to rewind the generators.

The limited duration and number of construction vehicles using State Highway 120, Moccasin Switchback Road and Lakeshore Drive should not delay other vehicles using these roads. Equipment and vehicles would be parked on the "Contractor's Laydown Area" and would not impinge on existing on-street parking within the Town of Moccasin.

No designated bicycle routes or bicycle paths are located in the Town of Moccasin.



Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
SFPUC Power Enterprise Moccasin Powerhouse Generators Rewind Project  
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Therefore, adverse effects to transportation or parking on roads in the Project vicinity are not anticipated.

#### *Water Quality*

No waters of the United States or waters of the State are located within the Powerhouse area.

As indicated in the description of Hazards and Hazardous Materials above, contract technical specifications would ensure that metal debris generated during the sanding and grinding processes would be captured and disposed of or recycled according to applicable local, State and federal regulations in order to prevent potential contamination of the adjacent Moccasin Reservoir.

Therefore, adverse effects to water quality are not anticipated.

#### **CEQA Compliance/Recommendation**

The SFPUC recommends the proposed Moccasin Powerhouse Generators Rewind Project be classified as categorically exempt under CEQA Guidelines Section 15301 (Existing Facilities).

If you have any questions regarding the proposed Project, please contact Barry Pearl, Senior Environmental Project Manager, at (415) 551-4573.

Sincerely,

  
Irina P. Torrey, AICP, Manager  
Bureau of Environmental Management

Attachments: Photograph, Moccasin Powerhouse,

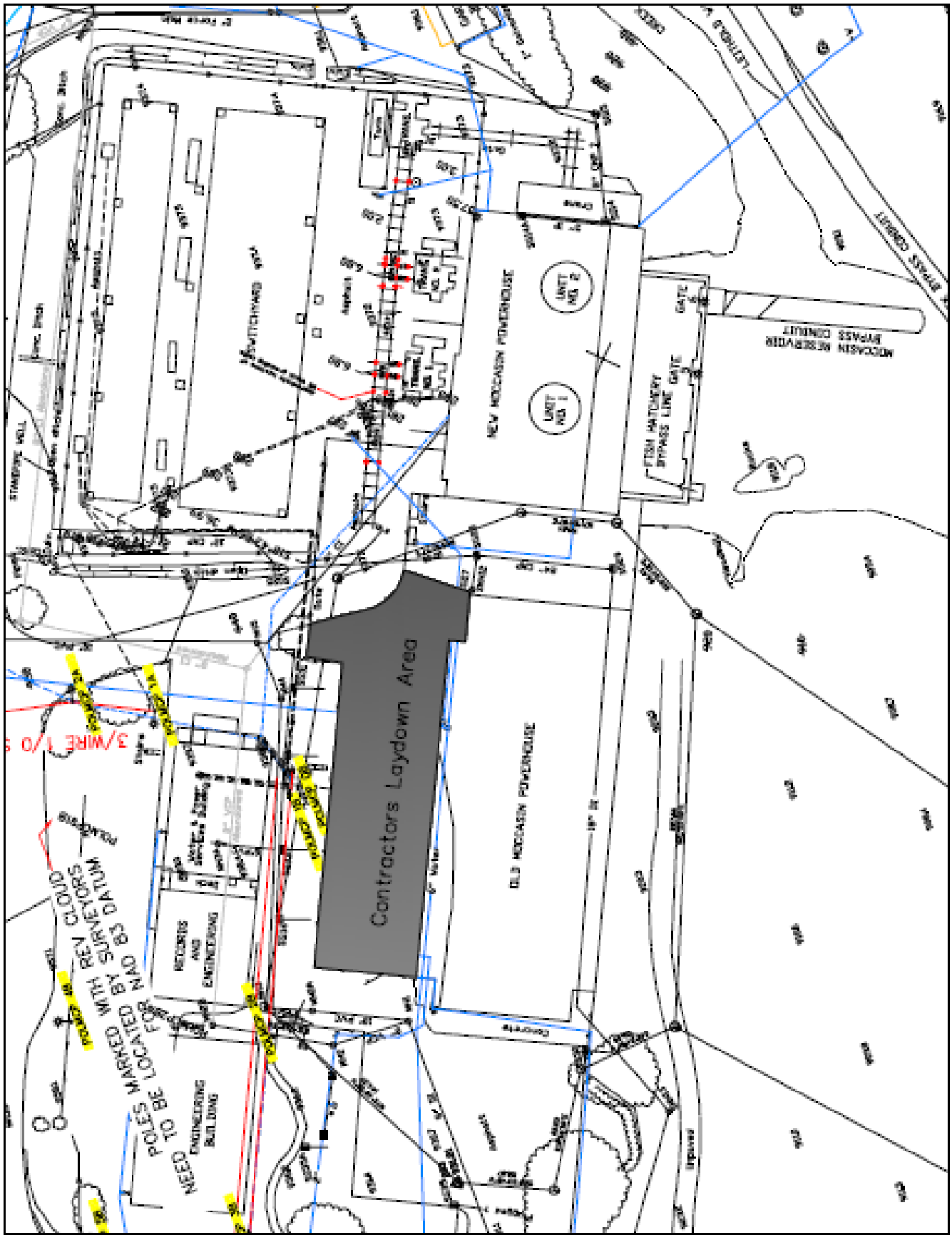
Google Earth Image of Moccasin Powerhouse from State  
Highway 49, Facing East, [Accessed July 17, 2014]

Referenced: Moccasin Facilities Upgrade Project, Final Historic Resource  
Evaluation Report, Prepared for the SFPUC by VerPlanck  
Historic Preservation Consulting, Dated August 23, 2012,  
On File at the Environmental Planning Division

Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
SFPUC Power Enterprise Moccasin Powerhouse Generators Rewind Project  
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Cc: Tim Parkan, Mechanical Engineer, HHWP  
Julianne Dettman, Management Assistant, HHWP  
Peter Dean, Regulatory Specialist, NRLMD  
Sally Morgan, RPA, Bureau of Environmental Management  
Barry Pearl, AICP, MPA, Bureau of Environmental Management







Moccasin Powerhouse and Contractor's Laydown Area  
Aerial View

"Old" Powerhouse and Contractor's Laydown Area on the left of the image

"New" Powerhouse on the right of the image

Google Earth Image July 17, 2014



View from State Highway 49 facing Southeast  
Powerhouse in Center of Image  
Google Earth Image Dated July 17, 2014