Categorical Exclusion

(Version: AUG06)

Compliance Tracking Number: 2006-102 PEPC Project Number: 16682

A. PROJECT INFORMATION

Title: Badger Pass, Soil Contamination Assessment Location: Badger Pass, Mariposa County, California Project Manager: Bill Rust, Business and Revenue Management, Yosemite National Park Project Manager: Vicki McMichael, DNC Parks and Resorts at Yosemite

B. COMPLIANCE DETERMINATION

This project is an action that has been determined to result in no measurable environmental effects. It is therefore categorically excluded from further National Environmental Policy Act analysis under Categorical Exclusion: DO12 3.4 E(6) - *Non-destructive data collection, inventory (including field, aerial, and satellite surveying and mapping), study, research, and monitoring activities.*

Necessary compliance coordination has been completed regarding the National Historic Preservation Act, the Wilderness Act, the Wild and Scenic Rivers Act, and the Endangered Species Act, as applicable. Environmental impacts will be negligible or less when the project is implemented with the conditions stipulated under **Project Mitigations and Conditions** in **Section I** at the end of the attached *Environmental Screening Form*.

Additional supporting information for this determination and the stipulated conditions can be found in the following attachments (when checked):

Environmental Screening Form

Preservation Assessment Form (YOSE-XXX)

Wilderness Minimum Requirement Analysis

Wild and Scenic River Section 7 Determination

Park Management Terms and Conditions

Other:

C. DECISION

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances or conditions in DO12 3.5 or 3.6 apply and the action is fully described in DO12, Section 3.4.

//MJTolle	efson//

Michael J. Tollefson, Superintendent

Original: Statutory Compliance File cc: Project Proponent <u>10/13/06</u> Date

The signed original of this document is on file at the Environmental Planning and Compliance Office in Yosemite National Park.

Attachments (1)



United States Department of the Interior

NATIONAL PARK SERVICE Yosemite National Park P.O. Box 577 Yosemite, California 95389

IN REPLY REFER TO: L7617 (YOSE-PM)

Memorandum

To: Bill Rust, Project Manager, Business and Revenue Management, Yosemite National Park

From: Superintendent, Yosemite National Park

Subject: Notice to Proceed, 2006-102 Badger Pass Soil Contamination Assessment

Your proposed project is an action that has been determined to result in no measurable environmental effects. It is therefore categorically excluded from further National Environmental Policy Act analysis under Categorical Exclusion: DO12 3.4 E(6) - Non-destructive data collection, inventory (including field, aerial, and satellite surveying and mapping), study, research, and monitoring activities.

Necessary compliance coordination has been completed regarding the National Historic Preservation Act, the Wilderness Act, the Wild and Scenic Rivers Act, and the Endangered Species Act, as applicable. This project clearance is valid providing that you adhere to the conditions stipulated in the enclosed *Categorical Exclusion Form* and associated documents when implementing this project.

/MJTollefson//

Michael J. Tollefson, Superintendent

10/13/06 Date

Enclosure (with attachments)

cc: Statutory Compliance File

The signed original of this document is on file at the Environmental Planning and Compliance Office in Yosemite National Park.

Environmental Screening Form

Compliance Tracking Number: **2006-102** PEPC Project Number: 16682

A. PROJECT INFORMATION

Title: Badger Pass Soil Contamination Assessment Location: Badger Pass, Mariposa County, California Project Manager: Bill Rust, Business and Revenue Management, Yosemite National Park Project Manager: Vicki McMichael, DNC Parks and Resorts at Yosemite

B. PROJECT DESCRIPTION AND BACKGROUND

In October 2005, during the excavation of two footings associated with the walkway between the Ski Lodge and the Ski Rental Shop, discolored soil and a sheen were visible on the soil and groundwater within the footings excavation. DNC notified the National Park Service, Mariposa County and the Regional Water Quality Control Board. A leak report was submitted on December 14, 2005, following confirmation of soil impacts. This project would entail three soil borings to collect soil samples to identify the extent of soil and/or groundwater contamination at the Badger Pass Ski Area.

Table B1 – Background Information

		Yes	No	N/A	Explanation/Notes
1.	Did NPS staff conduct a site visit? If yes, list attendees. If no, explain.		\boxtimes		Familiar with site for recent projects
2a.	Is the project providing compliance for an action associated with but not covered by an approved plan? (Identify the plan and provide a section or page citation.); OR				To assess possible soil contamination discovered during completion of CE 2005- 104 Badger Pass Rental Shop Demolition.
2b.	Is the project in an approved plan? (Identify the plan and provide a section or page citation.				
2c.	Is the project consistent with that plan?			\square	
2d.	Is the Plan's CE, FONSI, or ROD current?			\boxtimes	
3a.	Are there any interested or affected parties?	\square			Mariposa County and the California Regional Water Quality Control Board
3b.	Has a diligent effort been made to communicate with them?				Notification of potential contamination made on December 14, 2005; consultation would occur if contamination is confirmed and mitigation requred.
4a.	Are there any affected agencies or tribes?	\boxtimes			Same as 3a, above.
4b.	Has consultation been completed?	\boxtimes			Same as 3b, above
Та	ble B2 – Environmental Screening Form	1 Atta	chm	ents (j	provide Attachment letter—A, B, etc.)
		Yes	No	N/A	Explanation/Notes
1.	Maps: 2 required (vicinity map & site map)	\boxtimes			See attachment A.
2.	Drawings (e.g., design, construction)		\boxtimes		
3.	Site Plans		\boxtimes		
4.	Photographs		\boxtimes		
5.	Non-NEPA/NHPA Approvals (Explain)		\boxtimes		
6.	Other (Explain)	\boxtimes			Site-specific Workplan, Badger Pass Ski Lodge, prepared for DNC Parks and Resorts at Yosemite by ERM-West, Inc.; see

C. ASSESSMENT OF POTENTIAL RESOURCE EFFECTS

	e any impacts possible on the following ources?	Yes	No	N/A	Data Needed to Determine/Notes
1.	Geologic resources: soils, bedrock, streambeds, etc	\boxtimes			Negligible: three "direct-push" soil and water sample borings.
2.	From geohazards		\boxtimes		sample oornigs.
3.	Air quality		\boxtimes		
4.	Soundscapes		\boxtimes		
5.	Water quality or quantity		\boxtimes		
6.	Stream flow characteristics		\boxtimes		
7.	Marine or estuarine resources			\square	
8.	Floodplains or wetlands	\boxtimes			Mitigated: see Conditions 1 and 2, below.
9.	Land use, including occupancy, income, values, ownership, type of use		\boxtimes		
10.	Rare or unusual vegetation – old growth timber, riparian, alpine		\boxtimes		
11.	Species of special concern (plant or animal; state or federal listed or proposed for listing) or their habitat		\boxtimes		The site has been inspected by the park botanist and no species of special concern occur on site.
12.	Unique ecosystems, biosphere reserves, World Heritage Sites	\boxtimes			Yosemite National Park is a World Heritage site; no historic properties would be adversely affected by implementing this project.
13.	Unique or important wildlife or wildlife habitat		\boxtimes		
	Unique or important fish or fish habitat		\boxtimes		
15.	Introduce or promote non-native species (plant or animal)	\boxtimes			See Section D, Mandatory Criteria, Condition 1, below.
16.	Recreation resources, including supply, demand, visitation, activities, etc.		\boxtimes		
17.	Visitor experience, aesthetic resources		\boxtimes		
18.	Cultural resources including cultural landscapes, ethnographic resources		\boxtimes		
19.	Socioeconomics, including employment, occupation, income changes, tax base, infrastructure				
20.	Minority and low income populations, ethnography, size, migration patterns, etc.		\boxtimes		
21	Energy resources		\boxtimes		
	Other agency or tribal land use plans or policies				Potential soil and ground water contamination is of concern to the County of Mariposa and the California Regional Water Quality Control Board, both of whom have been contacted and with whom there would be further consultation if groundwater contamination is found.
23.	Resource, including energy, conservation potential		\boxtimes		
24.	Urban quality, gateway communities, etc.		\boxtimes		
	Long-term management of resources or				
	land/resource productivity		\square		
26	Other important environment resources (e.g. geothermal, paleontological resources)?		\boxtimes		
Cor	nments, Mitigations and Conditions:		. –		

1. Perform work only in the Fall, after the meadow has dried out.

2. Place plywood to protect the meadow during any access by equipment to the boring site.

D. MANDATORY CRITERIA

	implemented, would the proposed action:	Yes	No	N/A	Data Needed to Determine/Notes
	Have material adverse effects on public health or safety?		\boxtimes		
2.	Have adverse effects on such unique characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands; floodplains; or ecologically significant or critical areas, including those listed on the National Register of Natural Landmarks?				
3.			\boxtimes		
	Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?				
5.	Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?		\boxtimes		
6.	Be directly related to other actions with individually insignificant, but cumulatively significant, environmental effects?		\boxtimes		
7.	Have adverse effects on properties listed or eligible for listing on the National Register of Historic Places?		\boxtimes		
8.	Have adverse effects on species listed or proposed to be listed on the List of Endangered or Threatened Species or have adverse effects on designated Critical Habitat for these species?				
9.	Require compliance with Executive Order 11988 (Floodplain Management), Executive Order 11990 (Protection of Wetlands), or the Fish and Wildlife Coordination Act?		\boxtimes		
10	Threaten to violate a federal, state, local, or tribal law or requirement imposed for the protection of the environment?				
11	Involve unresolved conflicts concerning alternative uses of available resources (NEPA sec. 102(2)(E)?		\boxtimes		
12	Have a disproportionate, significant adverse effect on low-income or minority populations (EO 12898)?		\square		
13	Restrict access to and ceremonial use of Indian sacred sites by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?		\boxtimes		
14	Contribute to the introduction, continued existence, or spread of federally listed noxious weeds (Federal Noxious Weed Control Act)?	\boxtimes			Mitigated: see Conditon 1, below.
15	Contribute to the introduction, continued existence, or spread of non-native invasive species or actions that may promote the introduction, growth or expansion of the range of non-native invasive species (EO 13112)?				Mitgated: see Condition 1, below.
16	Require a permit from a federal, state, or local agency to proceed, unless the agency from which the permit is required agrees that a CE is appropriate?				
17	Have the potential for significant impact as indicated by a federal, state, or local agency or Indian tribe?		\boxtimes		
18	Have the potential to be controversial because of disagreement over possible environmental effects?		\square		
19	Have the potential to violate the NPS Organic Act by impairing park resources or values?		\boxtimes		

1. Ensure that equipment and material brought into the park is free of material that could introduce or spread noxious weeds and non-native invasive plants or animals. Inform all staff working on the project of best management practices for preventing the introduction and spread of non-native, invasive species in Division 1 specifications, Section 1355. (Environmental Planning & Compliance Office)

E. SPECIAL STATUS SPECIES CHECKLIST

Within the area of potential effect, are there:	Yes	No	N/A	Data Needed to Determine/Notes
1. Listed or proposed threatened or endangered species (Federal or State)?		\boxtimes		
2. Species of special concern (Federal or State)?		\square		
3. Park rare plants or vegetation?		\boxtimes		
4. Potential habitat for any special-status species listed above?		\square		
If "yes" to any of the above questions, a Special-	Status	Specie	es Chec	klist must be completed and attached.
Comments, Mitigations and Conditions:				

1. None

F. NATIONAL HISTORIC PRESERVATION ACT CHECKLIST

Wi	thin the area of potential effect:	Yes	No	N/A	Data Needed to Determine/Notes
1.	Will there be ground disturbance?	\boxtimes			Three "direct-push" soil borings.
2.	Are there any archeological sites?		\boxtimes		
3.	Are there any Native American Indian traditional cultural resources?		\boxtimes		
4.	Is the project within the boundary of an archeological or historic landscape or district?				Badger Pass Historic Landscape; the park Historic Preservation Officer determined that this project would not constitute an NHPA section 106 action.
5a.	Is there a National Historic Landmark?		\boxtimes		
5b.	Is there a structure(s) on the park's <i>List of Classified Structures</i> ?		\square		
5c.	Is there a historic property with a DOE and concurrence by the SHPO or a completed National Register form?		\boxtimes		
5d.	Is there a cultural property requiring review under NHPA, Section 106?		\square		
6.	Would there be alteration of a structure or cultural landscape covered by 5a-d, above?		\boxtimes		
If "	yes" to any of the above, then an Assessment of	of Effe	cts fo	rm (Y	OSE-XXX) must be completed and attached.
Mit	tigations and Conditions:				
1.	None				

G. WILDERNESS ACT CHECKLIST

Is the proposed project:	Yes	No	N/A	Data Needed to Determine/Notes
1. Within designated Wilderness?		\boxtimes		
2. Within a Potential Wilderness Addition?		\boxtimes		
If "yes" to either of the above, then a Wilderness Mi	nimum	n Requ	irement	s Analysis must be completed and attached.
Mitigations and Conditions:				
1. None				

H. WILD AND SCENIC RIVERS ACT CHECKLIST

Do	es the proposed project:	Yes	No	N/A	Data Needed to Determine/Notes
1.	Fall within a wild and scenic river corridor? If "Yes", name the river(s).		\boxtimes		
2.	Fall within the bed and banks AND affect the free-flow of the river?			\boxtimes	
3.	Potentially affect water quality of the area?			\boxtimes	
4.	Remain consistent with its river segment classification?			\square	
5.	Protect and enhance river ORVs?			\boxtimes	
ба.	Fall within the River Protection Overlay?			\boxtimes	
6b.	If "Yes", is it consistent with conditions of the River Protection Overlay?			\boxtimes	
7.	Remain consistent with the areas Management Zoning?			\boxtimes	
8a.	Fall on a tributary of a Wild and Scenic River?		\boxtimes		
8b.	If 9a is "Yes", will the project affect the Wild and Scenic River corridor?			\boxtimes	
8c.	If 9a is "Yes", will the project unreasonably diminish scenic, recreational, or fish and wildlife values?			\boxtimes	
9.	Change the level of use within the river corridor? If "Yes", explain.				
If "	yes" to questions 2, 9b, or 9c, then a WSRA Se	ection	7 dete	ermination must b	e completed and attached.
	tigations and Conditions:				
1.	None				

I. NEPA Analysis and Approval Conditions

When implemented as detailed in the project description and following all Project Mitigations and Conditions listed below, this project meets the terms and conditions of a categorical exclusion to NEPA.

Applicable Categorical Exclusion:

DO12 *E* (6) - Non-destructive data collection, inventory (including field, aerial, and satellite surveying and mapping), study, research, and monitoring activities.

Project Mitigations and Conditions:

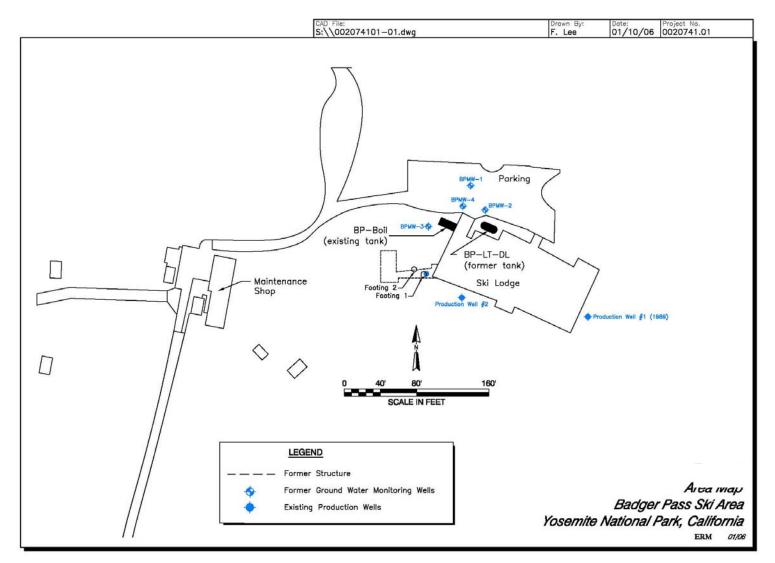
- 1. Perform work only in the Fall, after the meadow has dried out.
- 2. Place plywood to protect the meadow during any access by equipment to the boring site.
- 3. Ensure that equipment and material brought into the park is free of material that could introduce or spread noxious weeds and non-native invasive plants or animals. Inform all staff working on the project of best management practices for preventing the introduction and spread of non-native, invasive species in Division 1 specifications, Section 1355. (Environmental Planning & Compliance Office)

This project has been reviewed in accordance with the above criteria and it has been determined that the project will result in no or minimal environmental effects. Therefore, it is categorically excluded from further environmental review required under the National Environmental Policy Act. Additionally, the necessary compliance coordination has been completed with regard to the National Historic Preservation Act, the Wilderness Act, the Wild and Scenic Rivers Act, and the Endangered Species Act.

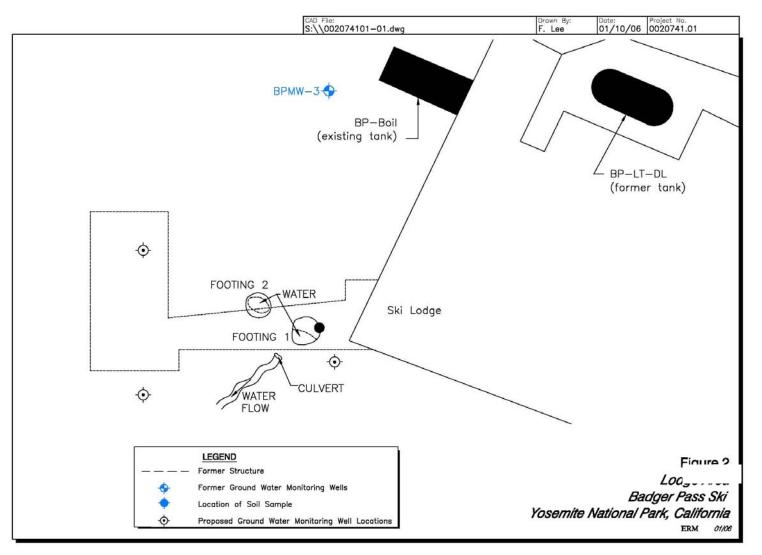
//GWColliver//	9/25/06
Compliance Specialist	Date
//Mark A Butler//	9/25/06
Compliance Program Manager	Date
//Glen Rothell//	10/11/06
Chief, Project Management	Date

The signed original of this document is on file at the Environmental Planning and Compliance Office in Yosemite National Park.

Attachment A



Map 1 Project Vicinity



Map 2 Project Site

Attachment B

DRAFT Site-Specific Workplan

Badger Pass Ski Lodge Yosemite National Park, California

10 July 2006

www.erm.com

Yosemite Concession Services Corporation

Site-Specific Workplan Badger Pass Ski Lodge Yosemite National Park, California

10 July 2006

Project No. 0046958

Principal-in-Charge Name Principal-in-Charge

Project Manager Name Project Manager

Project Scientist Name Project Scientist or whatever their technical designation

ERM-West, Inc. 1809 North Helm Street, Suite 4 Fresno, California 93727 T: 559-452-8010 F: 559-452-8017

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(Figures immediately follow the text)

1	Area Map
2	Site Map with Proposed Monitoring Well Locations

LIST OF TABLES

(Tables immediately follow the figures)

- 1 Concentrations of Chemical Constituents in Soil Samples
- 2 Concentrations of Chemical Constituents in Groundwater Samples

1.0 INTRODUCTION

ERM-West, Inc. (ERM) has been retained by Yosemite Concession Services Corporation (YCS) to conduct site investigation activities at the Badger Pass Ski Lodge site in Yosemite National Park, California. The purpose of this document is to describe the proposed scope of work for approval by the Regional Water Quality Control Board (RWQCB) in accordance with the Cleanup and Abatement Order (C&A) No. 93-709 issued to YCS on 20 October 1993.

1.1 DOCUMENT ORGANIZATION

This workplan is divided into three sections:

- Section 1 provides a general site history and describes the previous site investigation.
- Section 2 includes the objectives of the workplan and the approach for the field investigation.
- Section 3 presents the proposed schedule for the investigation and reporting activities.

The figures and tables follow the text.

1.2 SITE HISTORY

The Badger Pass Ski Area is the site of numerous historical underground storage tanks (USTs) used to store fuel for heating and for electrical generators used to power the ski lifts. The ski area has been operating since the 1930s. The USTs associated with the ski lifts were taken out of service in 1972 when electricity was installed.

The UST sites were investigated from 1986 through 1996. A site closure request was prepared and submitted to the RWQCB on 28 August 1996 and subsequently approved for no further action. Monitoring wells were destroyed in accordance with the May 1997 workplan.

In October 2005, during the excavation of two footings associated with the walkway between the Ski Lodge and the Ski Rental Shop, discolored soil and a sheen were visible on the soil and groundwater within the footings

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excavation. YCS notified the National Park Service, Mariposa County, and the RWQCB. A leak report was submitted on 14 December 2005 following confirmation of soil impacts.

1.2.1 Groundwater Supply System

Groundwater for the ski resort and residences in the area is provided by two groundwater supply wells located south and north of the Badger Pass Ski Lodge (Figure 1). The groundwater supply wells pump water to a holding tank in the basement of the Badger Pass Ski Lodge. Production Well #1 is screened from 17 to 98 feet below ground surface (bgs) and sealed to a depth of approximately 11 feet. Production Well #2 is an open bottom well that pulls water from the interval between 120 to 200 feet bgs and is sealed to a depth of 120 feet. Four-inch polyvinyl chloride (PVC) pipe has been installed to the bottom of both wells, and the bottom 20 feet of each pipe is perforated.

1.2.2 Geology and Hydrogeology

The site geology consists of 2 to 5 feet of peat in the meadow area overlying approximately 96 to 112 feet of sand, gravel, and boulders. Bedrock ranges from 96 to 112 feet bgs, according to drilling logs for the production wells. Borings associated with the site investigations at the Badger Pass Ski Area have been drilled to a maximum depth of 30 feet bgs. Site soils encountered during the drilling of the borings, monitoring wells, and temporary wells consisted of peat, silty sands, sands, gravely sands, and areas of decomposed granite.

Depth to groundwater at the site ranges from completely saturated in the early spring, to approximately 6 feet bgs in the late fall and early winter. Groundwater elevation contours for the site indicate that the direction of groundwater flow generally corresponds to site topography.

1.3 PREVIOUS INVESTIGATION

ERM completed a site evaluation and collected samples on 9 November 2005. During site reconnaissance, ERM could not identify the source of the observed soil discoloration of sheen on the water.

ERM collected water samples from both footings and collected one soil sample from Footing 1 (Figure 2). Samples were capped, labeled, placed in coolers, logged on chain-of-custody forms, and submitted to a

California State-certified Laboratory for analysis for volatile and extractable total petroleum hydrocarbons (TPH) by United States Environmental Protection Agency (USEPA) Method 8015 Modified; and benzene, toluene, ethylbenzene, and total xylenes (BTEX) by USEPA Method 8260.

Analytical results are summarized on Tables 1 and 2. Motor oil, at a concentration of 96 milligrams per kilogram, was the only constituent detected in the soil sample collected from Footing 1. BTEX constituents were not detected above laboratory reporting limits. BTEX was not detected in the water sample from Footing 2 and xylene, at a concentration of 1.2 micrograms per liter (μ g/L) was the only BTEX constituent detected in Footing 1. TPH as diesel was identified at a concentration of 45,000 μ g/L in Footing 1 groundwater. An unidentified hydrocarbon was detected at a concentration of 360 μ g/L in the groundwater sample collected from Footing 2.

Based upon the detection of TPH as diesel in Footing 1, ERM proposes the installation of three direct-push borings to assess if soil and groundwater are impacted at the site. The following section describes the proposed scope of work.

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2.0 FIELD INVESTIGATION

This section presents the investigation objective and the proposed scope of work. The field investigation activities include soil and groundwater sampling.

2.1 INVESTIGATION OBJECTIVE

The objective of the proposed investigation activities described in this workplan is to complete the lateral characterization of hydrocarbon constituents in soil and groundwater.

2.2 SCOPE OF WORK

The following scope of work was developed to assess the extent of soil and groundwater impacted by hydrocarbons. All additional work to be performed at the Badger Pass Lodge site will be in accordance with the standard operating procedures described in the *General Workplan for Soil and Groundwater Site Assessments at Yosemite National Park* (General Workplan) prepared by ERM in July 1993.

Three direct-push borings will be installed to assess the extent of hydrocarbon-impacted soil and groundwater near the Footings. Proposed sample locations are provided in Figure 2. Since marsh-like conditions often prevail in this area during the spring and early summer, the proposed work will be performed when the meadow is accessible (estimated to be August).

The borings will be installed using a portable direct-push system, including groundwater sampling equipment. Soil samples will be collected continuously during the boring installation. One soil sample from each boring will be submitted for analysis. Soil samples will be selected based on field observation of hydrocarbons and photoionization detector readings or the soil. The boring will be advanced to the water table. Once groundwater is encountered, a sampling device will be advanced 1 to 2 feet to collect an in situ groundwater sample. Soil and ground water samples will be analyzed for volatile and extractable range TPH by USEPA Method 8015 Modified, and volatile organic compounds (VOCs), including BTEX, by USEPA Method 8260.

ERM

If the sampling results from the initial three direct-push borings have detectable VOCs or hydrocarbon concentrations, additional investigation will be completed to assess the extent of hydrocarbon-impacted groundwater. Following sample collection, the borings will be backfilled with bentonite and the surface soil replaced.

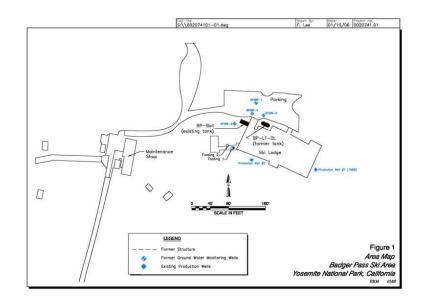
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3.0 PROJECT REPORTING AND SCHEDULE

The following summarizes the project schedule in order to comply with C&A No. 93-709.

The planned schedule of activities includes:

- 1) Direct-push soil sampling and groundwater sampling (August 2006);
- 2) Additional assessment (if required) (October 2006);
- 3) Submittal of the Problem Assessment Report (November 2006);
- 4) Submittal of Final Remediation Plan (if required) (February 2007); and
- 5) Begin Remediation (if required) (July 2007).



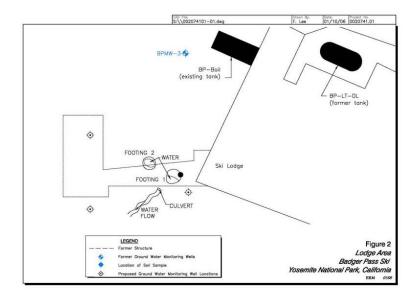


Table 1 Concentrations of Chemical Constituents in Soil Samples Badger Pass Yosemite National Park, California

Location	Date	TPH- Diesel	JP-5	Motor Oil	Benzene	Toluene	Ethyl- benzene	Total Xylenes
Footing-1	11/9/2005	23 T3M	<1.0	96	< 0.025	< 0.025	< 0.025	< 0.025

<u>Notes and Key:</u> All concentrations in milligrams per kilogram (mg/kg) Bolded values exceed the method detection limit

T3M = The analyst has noted that the chromatogram of this sample is mainly higher boiling hydrocarbons such as a standard standasphaltene, waste oil, motor oil, weathered diesel, and hydraulic fluid.

TPH = Total petroleum hydrocarbons

USEPA = United States Environmental Protection Agency

Table 2 Concentrations of Chemical Constituents in Groundwater Samples Badger Pass Yosemite National Park, California

Location	Date	TPH- Diesel	JP-5	Motor Oil	Benzene	Toluene	Ethyl- benzene	Total Xylenes
Footing-1	11/9/2005	45,000 T7	<2,500	<2,500	<0.5	< 0.5	<0.5	1.4
Footing-2	11/9/2005	360 T1M	<50	<500	<0.5	< 0.5	< 0.5	< 0.5

Notes and Key:

All concentrations in micrograms per liter (mg/L)

Bolded values exceed the method detection limit

T7 = The analyst has noted that the chromatogram of this sample closely resembles the boiling point hydrocarbon profile consistent with diesel fuel. TIM – The analyst has noted that the chromatogram of this sample is mainly a wide range of hydrocarbons which are

not necessarily indicative of diesel fuel.

TPH = Total petroleum hydrocarbons

USEPA = United States Environmental Protection Agency