Stormwater Pollution Prevention Plan (SWPPP) for:
Bovill Kaolin Project
Phase 1 Activity
Bovill, Idaho

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SWPPP Preparation Date:
November 5, 2015
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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information

Name of Facility: I-Minerals Bovill Kaolin Project, Mineral Lease #9276 (E410013)
Street: Mineral Lease Site #9276 (E410013); Moose Creek Road
City: Bovill State: ID ZIP Code: 83806
County or Similar Subdivision: Latah County
Permit Tracking Number: IDRO5CU73 (if covered under a previous permit)
Latitude/Longitude
Latitude: 46.88824 (decimal) Longitude: -208 (decimal)
Method for determining latitude/longitude (check one):
☐ USEPA Web site ☑ GPS
☐ Other (please specify): 
Is the facility located in Indian Country? ☐ Yes ☑ No
If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." 

Is this facility considered a Federal Facility? ☐ Yes ☑ No
Estimated area of industrial activity at site exposed to stormwater (acres): 16 acres
Does this facility discharge stormwater into an MS4? ☐ Yes ☑ No
If yes, name of MS4 operator: N/A
Name(s) of water(s) that receive stormwater from your facility: See Section 1.4.5
Are any of your discharges directly into any segment of an “impaired” water? ☐ Yes ☑ No
If Yes, identify name of the impaired water (and segment, if applicable):
Identify the pollutant(s) causing the impairment:
For pollutants identified, which do you have reason to believe will be present in your discharge? ☐ Yes
For pollutants identified, which have a completed TMDL? ☑ Yes
Do you discharge into receiving water designated as a Tier 2 (or Tier 2.5) water? ☐ Yes ☑ No
Are any of your stormwater discharges subject to effluent guidelines? ☐ Yes ☑ No
If Yes, which guidelines apply?
Primary SIC Code or 2-letter Activity Code: 1455 Kaolin and Ball Clay
(refer to Appendix N of the 2015 MSGP)
Identify your applicable sector and subsector: Sector J3: Mineral Mining and Dressing / Clay, Ceramic, and Refractory Materials
1.2 Contact Information/Responsible Parties

Facility Operator(s):
   Name: I-Minerals USA, Inc.
   Address: 1012 N. Adkins Ct.
   City, State, Zip Code: Post Falls, Idaho, 83854
   Telephone Number: (208) 773-8984
   Email address: allamar@imineralsinc.com

Facility Owner(s):
   Name: I-Minerals USA, Inc.
   Address: P.O. Box 809
   City, State, Zip Code: Hayden, Idaho, 83835
   Telephone Number: (208) 773-8984
   Name: I-Minerals, USA

SWPPP Contact:
   Name: A. Lamar Long, Project Manager
   Telephone number: (208) 773-8984
   Email address: allamar@imineralsinc.com
   Name: A. Lamar Long, Project Manager

1.3 Stormwater Pollution Prevention Team

The Stormwater Pollution Prevention Team is responsible for assisting the project manager in developing and revising the facility’s Stormwater Pollution Prevention Plan (SWPPP) as well as maintaining control measures and taking corrective actions where required. Each member of the Stormwater Pollution Prevention Team must have ready access to either an electronic or paper copy of applicable portions of the Multi-Sector General Permit (MSGP) and the SWPPP. Table 1-1 summarizes the stormwater prevention team.

Table 1-1. Stormwater Management Team

<table>
<thead>
<tr>
<th>Staff Names</th>
<th>Position¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Lamar Long, Project Manager</td>
<td>Authorized signatory authority for Notice of Intent (NOI), SWPPP certification, and future annual reports. Responsible for overall operations and seeing that the SWPPP and MSGP are implemented.</td>
</tr>
<tr>
<td>On-Site Personnel (equipment operators, contractors)*</td>
<td>Ensure provisions of the SWPPP and MSGP are carried out. Conducts periodic inspections, implements stormwater management controls, yearly inspections, and maintenance of control structures. Schedules repairs and routine maintenance. Responsible for sample collection, if required.</td>
</tr>
</tbody>
</table>

1.4 Site Description (MSGP 5.2.2)

HDR Engineering, Inc. (HDR), under contract with I-Minerals USA (I-Minerals), has updated this stormwater pollution prevention plan (SWPPP) to reflect the requirements in the 2015 Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activities (MSGP). The SWPPP is updated for I-Minerals Bovill Kaolin Project (Project) Phase 1 activities.
Mining of the reclaimed tailings consist of excavating the sand (K-spar and quartz) portion of the WBL tailings pile. The clay portion of the tailings (at the easternmost downslope end of the tailings) will not be mined under the state approved Plan of Operations. The previous lessee piled the tailings on a gently-sloped hill, with a toe berm height of approximately 20 feet. The upper sloped portion of the impoundment comprises mostly sand and silty-sand sized materials; the lower (east end) flat portion primarily comprises clay and silty-clay sized materials. The tailings on-average is approximately 17 feet thick. A small topographic island is located within the tailings and this area will not be disturbed during mining activities.

The total surface area to be excavated of sand tailings is approximately 425,150 square feet (~9.8 acres), representing an approximate volume of 7,227,550 cubic feet, or ~401,530 tons of material (SRK 2010). Proposed mining activities would occur intermittently from June through October over the 10-year period. Annual tailings removal would generally be up to 50,000 tons per year (approximately 1.2 acres per year).

The tailings pile is excavated using a loader and/or excavator or backhoe. The aerial extent of excavation for each season depends upon the demand for tailings material with the goal to limit the amount of unvegetated (disturbed) ground at any one time. As a first step, the area to be excavated is grubbed. The vegetation is stockpiled nearby (on leased land) and generally is worked back into the disturbed area as part of reclamation. Following grubbing, the designated area is excavated. The depth of excavation is limited to the depth of tailings, which is on average about 17 feet. In general, the excavation side walls are sloped to allow safe ingress and egress for equipment (e.g., front-end loader) and personnel. The excavated tailings are passed through a screen to remove organic material, and, if wet, the screened tailings are spread out on the ground surface and allowed to dry. Drying of tailings occurs adjacent to or within the excavated area and are within the Lease 9276. The screened tailings are loaded into dump trucks using a front-end loader or excavator and hauled off site for processing to recover K-spar and quartz. The materials that do not pass through the screen (mostly organic debris such as plant roots) are stockpiled and used in reclamation.

Prior to surface disturbance, the area to be mined is staked on the ground to allow IDL to assess the timber for possible sale. During mining activities, applicable sections of the Best Management Practices for Mining in Idaho (IDL 1992) are followed, including best management practices (BMPs) to control runoff from unvegetated areas (e.g., straw bale barriers and silt fences). In addition, stormwater is managed in accordance with the Multi-Sector General Permit for Industrial Facilities (MSGP) for Sector J – Non-Metallic Mineral Mining and Dressing.

During mining activities, signs are posted on Moose Creek Road at both ends of the project area warning travelers of excavation activities and heavy equipment operations. Moose Creek Road through the project area is built on tailings material.

The mining sequence started excavation activities in the southwest portion of the tailings and mine towards the north. Given that typical mining activities would be approximately 1.2 acres per year, excavation would eventually approach the road (approximately in year 5 of mining assuming 1.2 acres per year). The road is constructed on tailings. At this point, a temporary road will be built to the south of the original road to route traffic through the area, so that the tailings beneath the road could be removed. The current road base (rock basalt) would be stockpiled and reused in reconstructing the road in its original footprint. The road would be re-constructed to the same pre-mine quality. Appropriate road construction and closure BMPs identified in the Best Management Practices for Mining in Idaho (IDL 1992) and Forestry BMPs in Idaho will be followed including drainage and sediment control systems.
The Standard Industrial Classification (SIC) of the facility is 1455 – Kaolin and Ball Clay. Consequently under the MSGP the facility is subject to Subsector J3: Clay, Ceramic, and Refractory Materials.

1.5 General Location Map (MSGP 5.2.2)

The general location map for the project is found in Figure 1.

1.6 Site Map (MSGP 5.2.2)

Figure 2 illustrates the major components of the facility, including requirements per MSGP 8.J.6.2, as applicable. Figure 3 illustrates how typical Best Management Practices (BMPs) such as silt fences and straw bale barriers are used.

1.7 2015 MSGP Sector J – Non-Metallic Mineral Mining

This SWPPP covers activities associated with the Sector J – Non-Metallic Mineral Mining and Dressing, J3 Clay, Ceramic, and Refractory Materials. Per Part 8 Subpart J of the 2015 MSGP, the activities associated with the Project are considered "active mining." No "earth disturbing activities conducted prior to active mining activities" (defined in MSGP 8.J.3.2) are anticipated as part of Phase 1 activities under the 2015 MSGP. Anticipated active mining activities include:

- Extraction and screening of non-metallic minerals
- Reclamation

No access roads, or construction of facilities are anticipated.

1.8 Site Climate

The I-Minerals WBL tailings facility is located in north-central Idaho. According to the Western Regional Climate Center, nearby Deary experiences an average annual precipitation of 36.06 inches, with January being the wettest month.

1.9 303(d) Listed Streams

The Project is located near an ephemeral stream that feeds into Moose Creek. The current Idaho Department of Environmental Quality (IDEQ) mapping shows this ephemeral stream as being part of Moose Creek. Moose Creek is listed in the Potlach River Total Maximum Daily Load (TMDL) and has the identification code of ID17060306CL053_02, and is listed as impaired for E Coli and temperature.
Figure 1. Project Location Map
I-Minerals USA Inc., Bovill Kaolin Project,
Latah County, ID

Data Sources: State of Idaho Geospatial Clearinghouse (INSIDE Idaho);
Clearwater National Forest; BLM; USGS; I-Minerals
Figure 4. Proposed Facilities
I-Minerals USA Inc., Bovill Kaolin Project, Latah County, ID

Data Sources: State of Idaho Geospatial Clearinghouse (INSIDE Idaho); Clearwater National Forest; BLM; USGS; I-Minerals

Map Production Date: 6/14/2012
Document: Q:\I-MineralsInc\Plan\map_docs\Vicinity_letland.mxd
Figure 3. Typical Tailings Excavation Stormwater/Drainage Control Plan
I-Minerals USA Inc., Bovill Kaolin Project,
Latah County, ID

Legend
- Roads
- Intermittent Stream
- Runoff Slope
- Filter Berm Outlet
- Silt Fence
- Straw Bale
- Grub Stockpile
- Excavation Area (1.2 acres)
- Sloped Walls - Excavation Area
- Two foot Contour Line
- Ten foot Contour Line
- Clay Tailings (2.4 acres)
- Sand Tailings (11.2 acres)
- Excluded (No Tailings) (1.6 acres)

Imagery: June 2011 0.3 foot resolution
Source: I-Minerals Inc.
Data Sources: State of Idaho Geospatial Clearinghouse (INSIDE Idaho);
Clearwater National Forest; BLM; USGS; I-Minerals

Map Production Date: 8/7/2012
Document: Q:\IMineralsInc\Plan\map_docs\Vicinity_letland.mxd
SECTION 2: POTENTIAL POLLUTANT SOURCES

2.1 Industrial Activity and Associated Pollutants (MSGP 5.2.3.1 and 5.2.3.2)

The facility has the following industrial activities:

- Tailings excavation and hauling
- Vegetation stockpiling
- Tailings spreading for drying
- Tailings screening
- Operation of heavy equipment
  - A front-end loader on a flat bed trailer pulled by a truck
  - A backhoe or excavator on a flat bed trailer pulled by a truck
  - Haul trucks (12-yard dump trucks, some equipped with pup trailers)
- Fuel delivery via pickup truck fuel transfer tanks
- Temporary fuel storage (if necessary)
- Site preparation for stabilization
- Seeding and fertilization of reclamation areas

Generally, personnel on-site consist of two people. One person runs the loader to excavate, dry, and load the tailings. An additional person drives the dump truck to haul the tailings off-site for further processing. Excavated materials are temporarily stored onsite and exposed to stormwater. Potential pollutants associated with these earth moving activities generally include dust, total suspended solids (TSS), total dissolved solids (TDS), and turbidity.

Operations occur during the non-winter season (approximately June through October). On-site power, if necessary, is supplied by a diesel or gasoline powered generator. Fuel delivery is conducted as needed via pickup truck fuel transfer tanks (typically 90 to 150 gallons). If fuel is temporarily stored on site, secondary containment will be used (either double-walled tanks or a secondary containment wall). If fuel storage volume exceeds 1,320 gallons (not anticipated), a Spill Prevention, Control, and Countermeasure (SPCC) Plan will be prepared in accordance with Title 40, Part 112 of the Code of Federal Regulations (40 CFR 112).

No permanent structures are erected on-site, but a trailer may be brought onto the site to store materials and serve as an on-site office. Workers on site are provided a portable toilet that is transported, positioned, and maintained by a local, licensed sanitation service. Potential pollutants associated with these administrative activities include dust and diesel or gasoline fuel.

Site preparation activities are conducted for reclamation of the land, and may include the application of fertilizers. Potential pollutants associated with these reclamation activities include dust, TSS, TDS, turbidity, nitrogen, and phosphorus. Following excavation, contoured and graded areas are scarified to prepare the medium for seeding and planting. Scarification could include ripping, diskimg, or otherwise roughing the surface for seed bed and planting preparation. After scarification, graded and contoured areas are seeded with grasses and legumes or lodgepole pine. Mulch (certified weed-free straw) is applied to the growth medium to reduce erosion, promote stabilization, and enhance seed germination. Fertilizers are only applied if soils are deficient in nutrients. No irrigation is proposed.
Solid waste generated at the site is expected to be minimal and is containerized and hauled off site for proper disposal.

Drainage at the site is toward the east with the sand tailings area on an approximately 5- to 15-percent slope, while the clay tailings area is nearly flat. During mining activities, BMPs are implemented to control runoff from unvegetated areas (i.e. straw bale barriers and silt fences). Stormwater discharge would occur via sheet flow at the intermittent stream east of the site (Figure 2).

Based on previous chemical and mineralogical data of ore and waste rock in the Kelley Basin area, including materials similar to those extracted from the project site, the acid or alkaline generation capacity from the tailings is extremely low to non-existent. The absence of sulfides in the tailings indicates that there would be no oxidation of sulfides, and therefore, no acidification of runoff water. In addition, geochemical analyses on nearby ores demonstrate little to no leaching hazard under normal environmental circumstances.

The following table identifies potential sources of pollution associated with exploration activities for the Project.

<table>
<thead>
<tr>
<th>Industrial Activity</th>
<th>Associated Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tailings excavation and hauling</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Vegetation stockpiling</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Tailings spreading for drying</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Tailings screening</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Operation of heavy equipment (loader, 30-ton dump truck)</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Fuel delivery for diesel generator (if necessary)</td>
<td>Dust, Diesel</td>
</tr>
<tr>
<td>Site preparation for stabilization</td>
<td>Dust, TSS, TDS, Turbidity</td>
</tr>
<tr>
<td>Seeding and fertilization of reclamation areas</td>
<td>Nitrogen, Phosphorus</td>
</tr>
</tbody>
</table>

2.2 Spills and Leaks (MSGP 5.2.3.3)

Potential spills and leaks could occur from heavy equipment, fuel delivery, and temporary fuel and/or fertilizer storage (if necessary). The entire working area drains toward an intermittent stream to the east, which is the surface water that could potentially be affected by a spill or release carried by stormwater runoff if appropriate BMPs were not implemented.

2.3 Unauthorized Non-Stormwater Discharges Documentation (MSGP 5.2.3.4)

A non-stormwater discharge is any discharge from the facility that is not composed entirely of rainfall or snowmelt runoff. Allowable non-stormwater discharges include (MSGP 1.1.3.1):

- Discharges from emergency/unplanned fire-fighting activities;
- Fire hydrant flushings;
- Potable water, including water line flushings;
- Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids;
- Irrigation drainage;
- Landscape watering provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling;
- Pavement wash waters where no detergents or hazardous cleaning products are used (e.g., bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols), and the wash waters
do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities (see Part 5.2.3), or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean-up methods (e.g., applying absorbent materials and sweeping, using hydrophobic mops/rags) and you have implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention; settlement);

- Routine external building washdown / power wash water that does not use detergents or hazardous cleaning products (e.g., those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols);
- Uncontaminated ground water or spring water;
- Foundation or footing drains where flows are not contaminated with process materials; and
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of your facility, but not intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdown; drains).

An updated evaluation for non-stormwater discharges was conducted on October 21, 2015. A summary of this evaluation is as follows:

- Date of evaluation: September 30, 2015
- Description of the evaluation criteria used: Site inspection and interviews with site personnel
- List of the outfalls or onsite drainage points that were directly observed during the evaluation:
  - No outfalls for this site, downgradient drainage was inspected.
- Allowable non-stormwater discharges observed at the facility:
  - None observed October 22, 2015.
- Unauthorized non-stormwater discharges observed at the facility:
  - None observed October 22, 2015.

2.4 Salt Storage (MSGP 5.2.3.5)
Salt is not be used at the facility; therefore, salt storage is not applicable.

2.5 Sampling Data Summary (MSGP 5.2.3.6)
No stormwater samples were required nor collected as per the pervious permit term (2008 MSGP).
SECTION 3: STORMWATER CONTROL MEASURES

Control measures are the BMPs or other structural or non-structural practices that are used to prevent or reduce the discharge of pollutants in stormwater. BMPs must be properly selected, installed and maintained in accordance with the manufacturer’s specifications and good engineering practices. If periodic inspections or other information indicates a practice has been inappropriately or incorrectly installed, the permittee must modify or replace the control. BMPs are maintained throughout the season, including conducting inspections and repairs prior to seasonal closures or periods of inactivity.

Non-numerical technology-based effluent limits include the following:

- Minimize exposure
- Good housekeeping
- Maintenance
- Spill prevention and response
- Erosion and sediment controls
- Management of runoff
- Salt storage piles
- Dust generation and vehicle tracking of industrial materials

**MSGP 2.1.2.1 requirements to minimize exposure:**

- Use grading, berming or curbing to prevent runoff of contaminated flows and divert run-on away from these areas;
- Locate materials, equipment, and activities so that potential leaks and spills are contained or able to be contained or diverted before discharge;
- Clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants;
- Store leaky vehicles and equipment indoors or, if stored outdoors, use drip pans and absorbents;
- Use spill/overflow protection equipment;
- Perform all vehicle and/or equipment cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray; and
- Drain fluids from equipment and vehicles that will be decommissioned, and, for any equipment and vehicles that will remain unused for extended periods of time, inspect at least monthly for leaks.

### 3.1 Minimize Exposure (MSGP 2.1.2.1)

Where feasible, minimizing exposure of potential pollutant sources to precipitation is an important control option. Minimizing exposure prevents pollutants, including debris, from coming into contact with precipitation and can reduce the need for BMPs to treat contaminated stormwater runoff. It can also prevent debris from being picked up by stormwater and carried into drains and surface waters.

Steps that the I-Minerals Bovill Kaolin facility has undertaken to minimize exposure of industrial activities to stormwater include:
• Grading, berming, silt fence, or similar measures are used to prevent runoff of contaminated flows and divert run-on away from these areas.

• Equipment maintenance and repair are performed off-site when possible. If emergency maintenance is required on-site, activities are conducted such that contaminated flows would be diverted away from surface waters.

• Spill kits are located on the heavy equipment (loader and dump trucks). Drip pans, absorbents, or other containments are used to capture leaks. Leaks are promptly repaired.

• When excavating, vegetation is spared as much as possible and seeding conducted as necessary to minimize exposed soils.

• Stockpiles (i.e. vegetation, etc.) are located away from surface waters and geologically unstable areas.

Table 3-1 lists BMP options to minimize disturbed area. In addition to those practices described above, use of these BMPs may also be appropriate during excavation to minimize the exposure of sediment to stormwater. Reference to BMP catalog is located in Appendix A of this report.

<table>
<thead>
<tr>
<th>Best Management Practice</th>
<th>BMP Information Sheet No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timing of Construction</td>
<td>IDL BMP I.9</td>
</tr>
<tr>
<td>Limited Surface Distance</td>
<td>IDL BMP I.10</td>
</tr>
<tr>
<td>Erosion Prevention on Temporary and Private Roads</td>
<td>IDEQ BMP 6</td>
</tr>
</tbody>
</table>


3.2 Good Housekeeping (MSGP 2.1.2.2 and 5.2.5.1)

MSGP 2.1.2.2 requirements for good housekeeping:

• Sweep or vacuum at regular intervals or, alternatively, wash down the area and collect and/or treat, and properly dispose of the washdown water;

• Store materials in appropriate containers;

• Keep all dumpster lids closed when not in use. For dumpsters and roll off boxes that do not have lids and could leak, ensure that discharges have a control (e.g., secondary containment, treatment). The permit does not authorize dry weather discharges from dumpsters or roll off boxes;

• Minimize the potential for waste, garbage and floatable debris to be discharged by keeping exposed areas free of such materials, or by intercepting them before they are discharged.

I-Minerals is committed to maintaining a clean project site, including keeping the site free of waste material and minimizing exposure of litter, debris, and chemicals to stormwater. The following actions are taken onsite to prevent stormwater from coming in contact with pollutants:
Personnel familiar with and trained in stormwater management are onsite during normal operating hours and watch for leaks from equipment or other conditions that could contribute to stormwater impacts.

Trained personnel conduct routine inspections of stormwater drainage systems, including BMPs associated with excavation areas and stockpile areas.

Materials are stored in an orderly and appropriate manner, and labeled as necessary.

Solid and municipal wastes are collected and hauled offsite for appropriate disposal at least weekly and more frequently as needed.

Onsite sanitary waste is managed with a portable toilet that is serviced regularly.

General cleanliness at the site is maintained by onsite personnel.

Good housekeeping practices are practiced regularly onsite, and BMP inspections will occur according the schedule described in Sections 4 and 5 of this SWPPP. Table 3-2 lists BMPs options for good housekeeping. These general good housekeeping BMPs may be appropriate for use throughout the site.

Table 3-2. BMP Options for Good Housekeeping

<table>
<thead>
<tr>
<th>Best Management Practice</th>
<th>BMP Information Sheet No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust Control</td>
<td>IDEQ BMP 7</td>
</tr>
<tr>
<td>Stockpile Management</td>
<td>IDEQ BMP 9</td>
</tr>
<tr>
<td>Spill Prevention and Control</td>
<td>IDEQ BMP 10</td>
</tr>
<tr>
<td>Waste Management</td>
<td>IDEQ BMP 12</td>
</tr>
<tr>
<td>Sanitary/Septic Waste Management</td>
<td>IDEQ BMP 14</td>
</tr>
</tbody>
</table>


3.3 Maintenance (MSGP 2.1.2.3 and 5.2.5.1)

MSGP 2.1.2.3 requirements for maintenance:

- Performing inspections and preventive maintenance of stormwater drainage, source controls, treatment systems, and plant equipment and systems that could fail and result in contamination of stormwater.
- Diligently maintaining non-structural control measures (e.g., keep spill response supplies available, personnel appropriately trained).
- Cleaning catch basins when the depth of debris reaches two-thirds (2/3) of the sump depth and keeping the debris surface at least six inches below the lowest outlet pipe.

Stormwater pollution could potentially occur from fuel, oils or other chemicals leaking from equipment at the facility. Equipment is generally kept in good operating condition. While full equipment maintenance capabilities are not planned for the site, if emergency repairs or maintenance is needed (i.e. should a hydraulic hose rupture during work), maintenance is performed. In such situations, drip pans, berms or secondary containments are used to contain pollutants and avoid contamination of runoff.

Another potential exposure of pollutants to stormwater would be from stockpiles of vegetation and other excavated materials. I-Minerals maintains these piles at slopes that help to minimize erosion and is committed to providing an engineered solution for containing and directing stormwater runoff from these piles. This may include berms, ditches, and/or silt fencing.
The facility is inspected on a routine basis (see Section 4) and control measures are immediately repaired if necessary. If necessary, stockpiles are stabilized and re-contoured.

Vehicles are checked closely for leaks and pans are used to collect fluid when leaks occur. Leaks, drips, or other spills identified are cleaned up without using large amounts of water that can create contaminated runoff from the site.

### 3.4 Spill Prevention and Response (2.1.2.4 and 5.2.5.1)

**MSGP 2.1.2.4 requirements for spill prevention and response:**

- Plainly label containers (e.g., “Used Oil,” “Spent Solvents,” “Fertilizers and Pesticides”) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;*
- Implement procedures for material storage and handling, including the use of secondary containment and barriers between material storage and traffic areas, or a similarly effective means designed to prevent the discharge of pollutants from these areas;
- Develop training on the procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. As appropriate, execute such procedures as soon as possible;
- Keep spill kits on-site, located near areas where spills may occur or where a rapid response can be made; and
- Notify appropriate facility personnel when a leak, spill, or other release occurs.

Potential stormwater contaminants include petroleum-based materials such as fuels, oils, and lubricants spilled or leaked from equipment. Storage tanks will not be kept onsite. In the event of a spill or leak of hazardous materials at the facility, employees are required to immediately notify their supervisor. Immediate action is taken to contain and prevent the spread of any leaking petroleum-based product, or chemical, into a surface water or groundwater system.

Spill response at this facility may require the manual application of sorbent materials and the construction of temporary containment structures to prevent spilled material from running off site and potentially discharging to a body of water. To respond appropriately to any accidental release, the following actions will be taken:

- The facility will maintain spill kits onsite.
- Training will be provided to onsite crews on spill response and reporting procedures.
- Emergency procedures and contact/notification information will be posted at the project site.
- Employees are required to immediately notify their supervisor in the event of a spill or leak of hazardous materials at the facility.
- When a release is of an amount equal to or in excess of reportable quantity, procedures to notify the appropriate regulatory agency have been established:
  - According to 40 CFR § 110, anyone with knowledge of a discharge of oil to surface waters must immediately report the discharge to the National Response Center (800-424-8802).
  - According to IDAPA 58.01.02.851.04(a), any release of 25 gallons or more must be reported to the Idaho Department of Environmental Quality within 24 hours of the release being identified.
Immediate action will be taken to contain and prevent the spread of any leaking petroleum-based product into surface or groundwater systems or offsite.

3.5 Erosion and Sediment Controls (MSGP 2.1.2.5 and 8.G.4.1)

BMPs for surface mining minimize erosion and sedimentation associated with the excavation of tailings and other on-site disturbance activities. BMPs selected and implemented to limit erosion include seeding, mulching, and sodding to prevent soil from becoming dislodged and should be considered first. Sediment control BMPs such as silt fences, straw bale barriers, and brush sediment barriers trap sediment after it has eroded. Sediment control BMPs should be used to back-up erosion control BMPs.

Erosion and sediment controls include stabilization practices as well as structural controls. First, locations are staked out to minimize the amount of soil and vegetation disturbed. Next, pre-mining BMPs are installed as appropriate (e.g., sediment control measures such as silt fencing, straw bales, or fiber rolls). As construction begins, overburden are segregated and stockpiled for reclamation use. A vegetated buffer strip is maintained between the operations and nearest surface water, and additional BMPs are constructed as necessary (e.g., runoff conveyances such as water diversions or berms, slope stabilization measures such as mulching or matting). BMPs are maintained throughout the duration of area use, and reclamation activities (e.g., re-contouring, mulching and seeding) are conducted shortly after the cessation of activities and removal of equipment.

Stabilization and erosion control measures are frequently inspected and necessary maintenance and repairs are conducted. Stabilization measures should be initiated immediately in portions of the site where clearing, grading and/or excavation activities have temporarily ceased, but in no case more than 14 days after the clearing, grading and/or excavation activities in that portion of the site have temporarily ceased. In arid, semiarid, and drought-stricken areas, or in areas subject to snow or freezing conditions, where initiating perennial vegetative stabilization measures is not possible within 14 days after mining, exploration, and/or construction activity has temporarily ceased, temporary vegetative stabilization measures must be initiated as soon as practicable. Until temporary vegetative stabilization is achieved, interim measures such as erosion control blankets with an appropriate seed base and tackifiers must be employed. In areas of the site where exploration and/or construction has permanently ceased prior to active mining, temporary stabilization measures must be implemented to minimize mobilization of sediment or other pollutants until such time as the active mining phase commences.

Similarly, stabilization measures should be initiated immediately in portions of the site where mining, exploration, and/or construction activities have permanently ceased, but in no case more than 14 days after the exploration and/or construction activity in that portion of the site has permanently ceased. Until final stabilization is achieved, temporary stabilization measures, such as erosion control blankets with an appropriate seed base and tackifiers must be used.

Numerous BMPs are available for use and are implemented as needed. Table 3-3 lists BMP options for erosion and sediment control. These BMPs provide a quick reference for controls that are likely to be well suited for use on the project site but do not represent an all-inclusive list. These measures are implemented as appropriate throughout the project site.
Table 3-3. BMP Options for Erosion and Sediment Control and Runoff Management

<table>
<thead>
<tr>
<th>Best Management Practice</th>
<th>BMP Information Sheet No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Slope/Soil Protection and Stabilization</strong></td>
<td></td>
</tr>
<tr>
<td>Mulching</td>
<td>IDL BMP I.3</td>
</tr>
<tr>
<td>Geotextile</td>
<td>IDEQ BMP 17</td>
</tr>
<tr>
<td>Matting</td>
<td>IDL BMP I.1</td>
</tr>
<tr>
<td>Riprap</td>
<td>IDL BMP I.7</td>
</tr>
<tr>
<td><strong>Runoff and Collection</strong></td>
<td></td>
</tr>
<tr>
<td>Siltation Berms</td>
<td>IDL BMP III.4</td>
</tr>
<tr>
<td>Temporary Berm</td>
<td>IDEQ BMP 43</td>
</tr>
<tr>
<td>Waterbars</td>
<td>IDL BMP III.5</td>
</tr>
<tr>
<td><strong>Sediment Collection</strong></td>
<td></td>
</tr>
<tr>
<td>Straw Bale Barrier</td>
<td>IDL BMP V.1</td>
</tr>
<tr>
<td>Silt Fence</td>
<td>IDL BMP V.4</td>
</tr>
<tr>
<td>Vegetative Buffer Strip</td>
<td>IDL BMP V.3</td>
</tr>
<tr>
<td>Sediment Trap (Basin)</td>
<td>IDEQ BMP 38</td>
</tr>
</tbody>
</table>


3.6 Management of Runoff (MSGP 2.1.2.6)

The following BMPs may be implemented at the facility to manage runoff:

- Temporary diversions to direct contaminated flows to sediment traps (i.e. straw bale barriers, silt fences, brush sediment barriers).

In general, silt fences are placed down slope of the excavation area. Straw bales (or equivalent) are then be placed and staked outside the silt fence. Initially Moose Creek Road, including stormwater runoff management from the roadway, is the responsibility of Latah County, and is not covered in this SWPPP. The temporary rerouting of the road will be the responsibly of I-Minerals and will include implementation of stormwater BMPs (Table 4).

Reclamation activities (either concurrent reclamation or interim stabilization) for disturbed areas are generally be completed by the end of October of each year, so that the area is stable and BMPs are in place going into the winter months. Following completion of excavation activities in the designated area, reclamation will involve contouring and grading; growth medium preparation; seeding, planting, and mulching; and maintenance and monitoring (see Plan of Operations for description of BMPs for reclamation).

3.7 Salt Storage Piles or Piles Containing Salt (MSGP 2.1.27)

Salt usage is limited and there are no salt piles used for de-icing or other commercial or industrial purposes on the Project site.

3.8 Dust Generation and Vehicle Tracking of Industrial Materials (MSGP 2.1.2.10)

See Section 3.1.5 of this SWPPP.
3.9 Sector-Specific, Non-Numeric Effluent Limits (Additional SWPPP Requirements, MSGP 8.G.6)

The I-Minerals facility falls under MSGP Sector J – Mineral Mining and Processing Facilities. The SIC is 1455 – Kaolin and Ball Clay. Additional technology-based effluent limits (MSGP 8.J.4 and 8.J.5) include:

3.9.1 Technology Based Effluent Limits for Active Mining Activities

- Employee Training (MSGP 8.J.5.1)
  - See Section 4.5 for description of training.
- Stormwater Controls (consider additional measures beside those identified in MSGP Part 2):
  - Stormwater Diversions: Divert stormwater away from potential pollutant sources through implementation of control measures – stormwater diversion away from mining area is not considered feasible nor necessary for the Project.
  - Capping: A cap is not considered feasible nor necessary for the Project
  - Treatment: If treatment of stormwater (e.g., chemical or physical systems, oil and water separators, artificial wetlands) is necessary to protect water quality, describe the type and location of treatment used. No treatment is proposed for Project.

  - Discharge Testing (MSGP 8.J.5.3): Test or evaluate all outfalls covered under this permit for the presence of specific mining-related but unauthorized non-stormwater discharges such as discharges subject to effluent limitations guidelines. No unauthorized non-stormwater discharges have been identified and no testing is anticipated.

3.9.2 Additional Sector J requirements (MGSP 8.J.6):

- Nature of Industrial Activities (MSGP 8.J.6.1)
  The facility activities are described in Section 1.4.
- Site Map (MSGP 8.J.6.2)
  See Section 1.5 and Figures 1 and 2
- Potential Pollutant Sources (MSGP 8.J.6.3)
  See Section 2.1
- Documentation of Control Measures (MSGP 8.J.6.4)
  The description of the control measures for the facility activities is described Section 3.
- Employee Training (MSGP 8.J.6.5)
  See Section 4.5 for description of training.
- Certification of Permit Converge for Commingled Non-Stormwater Discharges (MSGP 8.J.6.6)
  See Section 2.3. There is no co-mingling of stormwater and unauthorized non-stormwater.
3.10 **Numeric Effluent Limitations Based on Effluent Limitations Guidelines (MSGP 2.1.3)**

I-Minerals activities are not subject to the numerical limits listed in Table 6-1 of the MSGP.

3.11 **Water Quality-based Effluent Limitations and Water Quality Standards (MSGP 2.2.1)**

The 2015 MSGP defines *discharge point* as the location where collected and concentrated stormwater flows are discharged from the facility such that the first receiving water body into which the discharge flows, either directly or through a separate storm sewer system, is a water of the U.S. No stormwater discharge points have been identified as part of the Project. Rather the potential for a stormwater entering a waters of the U.S. in through sheet flow to the intermittent stream east of the site. This intermittent stream discharges into Moose Creek, which is a listed 303(d) stream and has a Total Daily Maximum Load (TMDL) for E Coli and temperature (ID17060306CL053_03).
SECTION 4: SCHEDULES AND PROCEDURES

The MSGP does not require monitoring (physical collection of stormwater samples at a designated outfall) for Sector J3 – Clay, Ceramic, and Refractory Materials. However, inspections, including the visual observation of site conditions, BMPs and stormwater runoff, are required (see Section 5.0).

4.1 Good Housekeeping (MSGP 5.2.5.1)

Procedures: See Section 3.2

Schedule: Good housekeeping is evaluated during routine stormwater inspections (minimum quarterly). Solids waste container, used oil, and any used hazardous materials are picked up and disposed on an "as-needed" basis rather than a routine schedule.

4.2 Maintenance (MSGP 5.2.5.1)

Procedures: See Section 3.3

Schedule: See Section 3.3 for description of maintenance activities associated with equipment and vehicles and stormwater control measures. The need for maintenance of control measures is established specifically by the BMP and is also based on results of routine stormwater inspections. Inspections of control measures are, at a minimum, quarterly but typically more frequent due to Sector J inspection requirements.

4.3 Spill Prevention and Response Procedures (MSGP 5.2.5.1)

Procedures: See Section 3.4 relating to spill prevention and response, including reporting procedures.

4.4 Erosion and Sediment Control (MSGP 5.2.5.1)

No polymers and other chemical treatments are used for erosion and sediment control.

4.5 Employee Training (MSGP 2.1.2.8 and 5.2.5.1)

MSGP 2.1.2.8, the following personnel should receive training:

- Personnel who are responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures);  
- Personnel responsible for the storage and handling of chemicals and materials that could become contaminants in stormwater discharges;  
- Personnel who are responsible for conducting and documenting monitoring and inspections as required in MSGP Parts 3 and 6; and  
- Personnel who are responsible for taking and documenting corrective actions as required in MSGP Part 4.

Employee training is essential to effective SWPPP implementation. Properly trained personnel are more capable of preventing spills, responding safely and effectively to an accident, and recognizing situations that could lead to stormwater contamination. Personnel responsible for implementing activities necessary to meet the conditions of the MSGP receive training at least once per year. Training is documented and becomes part of the SWPPP (Appendix B). Training topics include the following:
- Use of the SWPPP
- Spill prevention and response procedures
- Materials management practices
- Good housekeeping practices
- How to conduct inspections, record keeping, and corrective actions

Goals and requirements of the SWPPP are emphasized during training sessions. See Section 1.3 for list of personnel and responsibilities, including training. Example training sign in sheets are provide in Appendix B.
SECTION 5: INSPECTIONS AND ASSESSMENTS (MSGP PART 3)

5.1 Routine Facility Inspections

5.1.1 Inspection Frequency for Active Mining Activities

- Minimum of quarterly inspections unless adverse weather conditions make the site inaccessible. At least once each calendar year, the routine inspection must be conducted during a period when a stormwater discharge is occurring. Use inspection log in Appendix F.
- Inspections must be performed by at least one member of stormwater pollution prevention team.
- During the inspection, examine or look out for the following:
  o Industrial materials, residue or trash that may have or could come into contact with stormwater;
  o Leaks or spills from industrial equipment, drums, tanks and other containers;
  o Tracking or blowing of raw, final or waste materials from areas of no exposure to exposed areas;
  o Control measures needing replacement, maintenance or repair.

5.1.2 Areas to be Inspected

Inspect the following areas:

- Disturbed areas – drill pads and access road
- Stormwater controls and pollution prevention measures
- Locations where stabilization measures have been implemented
- Material, waste, borrow, or equipment storage and maintenance areas
- Areas where stormwater flows – inspect areas downgradient of disturbed areas to assess any stormwater flows.

No outfalls (point discharge) points have been identified as part of the Project.

5.1.3 What to Check for During Inspections

During inspections, check the following (see inspection log form in Appendix F):

- Whether all stormwater controls are installed, operational and working as intended;
- Whether any new or modified stormwater controls are needed;
- For conditions that could lead to a spill or leak;
- For visual signs of erosion/sedimentation at points of discharge.

5.1.4 Inspection Report

Within 24 hours of an inspection, complete the stormwater site inspection report (see Appendix F). Key items in the form include the following:

- Inspection date;
- Name and title of inspector(s);
- Summary of inspection findings;
- Rainfall amount that triggered the inspection (if applicable);
• If it was unsafe to inspect a portion of the site, include documentation of the reason and the location(s);
• Each inspection report must be signed;
• Keep a current copy of all reports at the site or at an easily accessible location.

5.2 Quarterly Visual Assessment of Stormwater Discharges

Once each quarter a grab sample of discharged stormwater is collected from each outfall and a visual assessment of each sample is conducted. Exceptions to this requirement are described at the end of this section.

The visual assessment must be made:

• Of a sample in a clean, clear glass, or plastic container, and examined in a well-lit area.
• On samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample must be collected as soon as practicable after the first 30 minutes and you must document why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples must be taken during a period with a measurable discharge.
• On discharges that occur at least 72 hours (3 days) from the previous discharge. The 72-hour (3-day) storm interval does not apply if you document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period.

The sample is visually assessed for the following water quality characteristics (see EPA’s document Industrial Stormwater Monitoring and Sampling Guide, March 2009, EPA 832-B-09-003 for more details):

**Color** – If the discharge has an unusual color, such as reddish, brown, or yellow hue, this may indicate pollutants or suspended sediment.

**Odor** – If the discharge has a noticeable odor, for instance if it smells like gasoline fumes, rotten eggs, raw sewage, or solvents odor, or has a sour smell, this could be indicative of pollutants in the discharge.

**Clarity** – If the discharge is not clear, but is instead cloudy or opaque, this could indicate elevated levels of pollutants in the discharge.

**Floating solids** – If materials floating at or near the top of the bottle are observed, take note of what the materials appear to be.

**Settled solids** – Wait about a half hour after collection, then note the type and size of materials that are settled at the bottom of the bottle.

**Suspended solids** – Particles suspended in the water will affect its clarity, and color and could be attributable to pollutant sources.

**Oil sheen** – Check the surface of the water for a rainbow color or sheen; this would indicate the presence of oil or other hydrocarbons in the discharge.

**Foam** – Gently shake the bottle and note whether there is any foam.

**Other obvious indicators of stormwater pollution**

The quarterly visual assessments are performed by at least one member of the I-Minerals facility’s Stormwater Pollution Prevention Team. In summary, for quarterly visual inspections:
Persons Responsible for Visual Assessment: A member of the Stormwater Pollution Prevention Team. See Section 1.3 for names.

Schedule for Assessments (see Exceptions to Quarterly Visual Assessments below):
Quarterly:
1st Quarter (Jan through March)
2nd Quarter (April through June)
3rd Quarter (July through September)
4th Quarter (October through December)

Specific Areas for Inspections:
Sheet flow to intermittent stream; See Visual Assessment Form in Appendix F.

Documentation of visual assessments is to be kept with the SWPPP. There is no permanent facility on-site, thus the SWPPP and records are maintained by I-Minerals in its Hayden, Idaho office. However, when mining activities are occurring, personnel have a copy of the SWPPP on-site. Visual assessment findings are not required to be submitted to the EPA, unless specifically requested to do so by EPA. Appendix F contains the visual assessment form.

Exceptions to Quarterly Visual Assessments: The MSGP allows for samples for quarterly visual assessments to be distributed during seasons when precipitation runoff occurs. Thus, the goal will be to obtain at least one visual assessment for each quarter but this may vary depending upon climate and drainage conditions. Thus, some quarters may have more than one visual assessment and other quarters may have none. Regardless, a minimum of four visual assessments will be attempted each year. If no discharge occurs in a calendar year from an outfall which a visual assessment could be conducted, this will be documented and documentation maintained with this SWPPP. Exceptions will be noted in the annual report.

Outfall: The MSGP defines outfalls as those locations where the stormwater exits the facility, including pipes, ditches, swales, and other structures that transport stormwater. For purposes of the quarterly visual inspections, the roadside ditch located at the near the lower portion of the clay tailings is assessed during runoff (anticipated to occur during spring runoff). The county is responsible for stormwater management Moose Creek Road and associated ditches and will not be assessed as part of this SWPPP. However, the temporary road used to re-route Moose Creek Road during mining activities (anticipated in year 4 or 5 of operations) will be assessed by collecting stormwater runoff and following the visual assessment procedures described above.

5.3 Monitoring
The MSGP does not require monitoring (physical collection of stormwater samples at a designated outfall) for Sector J3 – Clay, Ceramic, and Refractory Materials. However, inspections, including the visual observation of site conditions, BMPs and stormwater runoff, is required (see MSGP 5.0).

5.3.1 Benchmark Monitoring (MSGP 6.2.1)
The MSGP stipulates pollutant benchmark concentrations that may be applicable to the facility’s discharge. For Sector J3 – Clay, Ceramic, and Refractory Materials, no benchmark monitoring is required.

5.3.2 Effluent Limitations Monitoring (MSGP 6.2.2)
For Sector J3 – Clay, Ceramic, and Refractory Materials (SIC 1455 – Kaolin and Ball Clay), no effluent limitation monitoring is required.
5.3.3 State or Tribal Provisions Monitoring (MSGP 6.2.3)
Per MSGP 9.10.3, additional monitoring required in Idaho includes provisions for benchmark and effluent limitations monitoring, none of which apply to Sector J3 – Clay, Ceramic, and Refractory Materials.

5.3.4 Discharges to Impaired Waters Monitoring (MSGP 6.2.4)
Part 6.2.4 of the permit clarifies provisions for discharges to water quality impaired receiving waters. According to the General Fact Sheet, for the purposes of the MSGP, a permittee discharges to an impaired water if the discharge is directly to the impaired water. The unnamed intermittent stream east of the facility is not listed as an impaired water in the Idaho Department of Environmental Quality (IDEQ) 2012 Final Integrated (303[d]/305[b]) report. Therefore, the I-Minerals facility has no obligations under Part 6.2.4 of the permit.
SECTION 6: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

6.1 Documentation Regarding Endangered Species (MSGP Appendix E)

The Endangered Species Act (ESA) review procedures outlined in Appendix E of the MSGP consist of four progressive steps for determining eligibility under criteria in Part 1.1.4.5 of the MSGP. Step one determines if eligibility requirements for Criteria B, D, or E can be met. These criteria include another operator that has accounted for the site’s action area in their valid certification of eligibility under the 2015 MSGP, a previously completed ESA Section 7 consultation, or a previously issued ESA Section 10 permit. These criteria are not applicable to the mine site, so the process continued to Step Two.

Step two determines the extent of the facility’s action area. The MSGP defines action area as all areas affected directly or indirectly by the stormwater discharges, allowable non-stormwater discharges, and stormwater discharge-related activities and not merely the immediate area involved in the discharge and activities. For the Project, the action area includes the main mine area and the portion down gradient where stormwater could potentially flow.

Step Three determines if listed threatened or endangered species and/or critical habitat are present in the action area. Threatened and endangered species and critical habitat in the action area were reviewed using the US Fish and Wildlife Service’s Information, Planning, and Conservation System. Official Species List (Appendix G) identified no threatened or endangered species in the action area:

- ESA-listed species managed by the National Marine Fisheries Service are not located within the action area.
- The official species list from IPaC did not identify any species for the action area. Therefore, it can be concluded that no listed species are located in the action area, and the facility is eligible under Criterion A.

6.2 Documentation Regarding Historic Properties (MSGP Appendix F)

The historic property review procedures outlined in Appendix F of the MSGP consist of four progressive steps for determining eligibility under criteria in Part 1.1.4.6 of the MSGP. Step one determines whether Seneca Buhl is an existing facility reapplying for certification under the 2015 MSGP after having had coverage under the 2008 MSGP. Since I-Minerals is not constructing or installing new stormwater control measures, Criterion A is met.
SECTION 7: REPORTING, RECORD KEEPING, AND CORRECTIVE ACTION

Most information required to be submitted by this permit shall be submitted via USEPA’s electronic National Pollutant Discharge Elimination System (NPDES) eReporting tool (NeT). To access NeT, go to:

http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-eNOI-System-for-EPAs-MultiSector-General-Permit.cfm

Information required to be submitted to USEPA via NeT includes the following:

- Notice of Intent
- No Exposure Certification
- Notice of Termination
- Annual Report

7.1 Reporting Monitoring Data to USEPA (MSGP 7.4)

No monitoring is planned under the MSGP because there are no discharges under the Project (see Section 2 for more details).

7.2 Annual Report

An annual report must be completed and submitted electronically to USEPA by January 20 for each year of permit coverage. The report includes the following:

- A summary of I-Minerals’s past year’s routine facility inspection documentation.
- A summary of I-Minerals’s past year’s quarterly visual assessment documentation (for the Project, report that there no discharges).
- A summary of past year’s corrective action documentation. If corrective action is not yet completed at the time of submission of the annual report, I-Minerals must describe the status of any outstanding corrective action(s). Also the report should describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that I-Minerals is in compliance with the permit.
- The annual report must include a statement, signed, and certified in accordance with the permit (see annual report form in Appendix C).

7.3 Reporting an Exceedance for Numeric Effluent Limit

Not applicable to the Project.

7.4 Recordkeeping (MSGP 7.8)

I-Minerals keeps the following inspection and certification records in the same location as the SWPPP:

- A copy of the NOI submitted to USEPA along with any correspondence (Appendix D)
- A copy of 2015 MSGP (electronic copy) (Appendix E)
- Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s)
that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules (Appendix F)

- All inspection reports, including the Routine Facility Inspection Reports (see Part 3.1) and Quarterly Visual Assessment Reports (Appendix F)
- Description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (Appendix F)
- Corrective action documentation required per Part 4.4 (Appendix F)
- With the exception of the first 2 bullets, these are records that you will be updating throughout the permit term. Follow the instructions in Appendix F.

7.5 Corrective Action (MSGP 4.0)

If the following conditions occur, I-Minerals must review and revise the selection, design, installation, and implementation of control measures to correct the condition and reduce the potential to re-occur in the future:

- An unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit) at the facility.
- Control measures at the facility are not stringent enough for the discharge to meet applicable water quality standards (since there is no discharge this would not be applicable to site).
- An inspection or evaluation of the facility by USEPA or IDEQ determines that modifications to the control measures are necessary.
- Routine facility inspection results find that the control measures are not being properly installed, operated, or maintained.
- Whenever stormwater runoff shows evidence of stormwater pollution (e.g., color, odor, floating solids, settled solids, suspended solids, foam).
- Construction or a change in design, operation, or maintenance at the facility significantly changes the nature of pollutants discharged in stormwater or significantly increases the quantity of pollutants discharged.

7.5.1 Corrective Action Deadlines

Immediate Actions - If corrective action is needed, I-Minerals immediately takes reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material does not discharge in subsequent storm events. The MSGP states that “immediately” means same day or if late in the day and not deemed a significant risk for a discharge, the following workday.

Subsequent Actions - If additional actions are necessary beyond conducting an immediate action, the corrective action must be completed within 14 calendar days from the time of discovery or before the next storm event (if possible). See MSGP 4.3.2 for more detail on going beyond 14 days for a corrective action.
7.5.2 Documentation

Within 24 hours of discovery of a condition listed above, I-Minerals must document the following information:

- Describe the condition triggering the need for corrective action review
- Describe the immediate actions taken, including time and date of cleanup, notifications made, and staff involved.
- Date the problem was identified
- A statement signed and certified in accordance with MSGP Appendix B, Subsection 11.

Within 14 days of discovery of a listed condition, I-Minerals must document the following information:

- Summarize corrective action taken or to be taken
- Notice of whether SWPPP modifications are required as a result of this discovery or corrective action
- Date corrective action initiated
- Date corrective action completed or expected to be completed

This documentation is submitted as part of the annual report and a copy is maintained on site with the SWPPP (Appendix F).
SECTION 8: SWPPP CERTIFICATION

The MSGP specifies the SWPPP must be signed and dated in accordance with Appendix B, Subsection 11 (MSGP 5.2.7). Section B.11.E requires the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible official and signature:

Name: Lamar Long  Title: Project Manager
Signature: Lamar Long  Date: 11/10/15
SECTION 9: SWPPP MODIFICATIONS

This SWPPP is a living document and must be modified and updated, as necessary, in response to corrective actions. If the SWPPP needs to be modified in response to a corrective action (see Section 7.5) or for other reasons, the Section 7 certification statement must be re-signed. For any other SWPPP modification, a log with a description of the modification, the name of the person making it, and the date and signature of that person should be maintained in a log (Appendix F). Outdated certifications will be retained in the plan record file.
SECTION 10: 401 WATER QUALITY CERTIFICATION

IDEQ has authority to review the MSGP and issue a water quality certification decision. IDEQ has placed a number of conditions specific for Idaho permittees (https://www.deq.idaho.gov/media/60177118/multi-sector-general-permit-401-certification.pdf). The following Idaho requirements are pertinent to this SWPPP:

- **Monitoring Frequency for Numeric Effluent Limitations.** Since numeric effluent limitations monitoring is not applicable to Sector U3, this requirement does not apply.

- **Follow-up Monitoring for Benchmark Concentrations.** Since benchmark monitoring is not applicable to Sector U3, this requirement does not apply.

- **Monitoring of Discharges to Impaired Waters.** Person filling out the NOI must use the most current EPA integrated report, which is 2012.

- **New or Expanding Discharges.** Since the Project does not meet the definition of a new or expanding discharger, this requirement does not apply.

- **SWPPP Availability.** If requested by IDEQ, the permittee must submit a copy of the SWPPP to IDEQ within fourteen (14) days of the request.

- **Submission of NOIs, Monitoring Data, and Additional Reporting.** Copies of the following information must be sent to the IDEQ Twin Falls Regional Office at the same time it is submitted to EPA:
  - Notices of Intent and Termination
  - Monitoring data collected pursuant to MSGP Part 6 within 30 days of receipt of analytical results
  - Exceedance reports as required by MSGP 6.3 within 30 days of receipt of analytical results
  - Planned changes reports

- **Additional Reporting of Discharges Containing Hazardous Materials or Oil.** Unauthorized discharges containing hazardous materials or oil must be reported to the Idaho Bureau of Homeland Security – State Communications Center (1-800-632-8000) or to the Idaho IDEQ Boise Regional Office (see Idaho Administrative Procedures Act 58.01.02.850) according to protocol in the SPCC Plan.
SECTION 11: REFERENCES


http://water.epa.gov/polwaste/npdes/stormwater/EPA-Multi-Sector-General-Permit-MSGP.cfm
SECTION 12: SWPPP APPENDICES
Appendix A – Best Management Practices
Appendix B – Training Log
Appendix C – USEPA Annual Reporting Form
Appendix D – NOI and Acknowledgement Letter from USEPA/ State
Appendix E – MSGP
Appendix F – SWPPP Forms
Appendix G – Endangered Species Act Consultation Documentation
APPENDIX A

BEST MANAGEMENT PRACTICES

(Due to its length, the reader is referred to the BMP Catalog online at:

www.deq.idaho.gov/media/622263-Stormwater.pdf

APPENDIX B
EMPLOYEE TRAINING FORM

Instructions:

― Keep records of employee training, including the date of the training (see Parts 2.1.2.8 and 5.2.5.1 of the 2015 MSGP).
― For in-person training, consider using the tables below to document your employee trainings. For computer-based or other types of training, keep similar records on who was trained, the training date, and the type of training conducted.

<table>
<thead>
<tr>
<th>Training Date: Insert Date of Training</th>
<th>Training Description: Insert Description of Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trainer: Insert Trainer(s) names</td>
<td></td>
</tr>
<tr>
<td>Employee(s) trained</td>
<td>Employee signature</td>
</tr>
<tr>
<td>Insert Name</td>
<td></td>
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<td>Insert Name</td>
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<td></td>
</tr>
<tr>
<td>Employee(s) trained</td>
<td>Employee signature</td>
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<tr>
<td>Insert Name</td>
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<td></td>
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<td>Employee signature</td>
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<td>Insert Name</td>
<td></td>
</tr>
<tr>
<td>Insert Name</td>
<td></td>
</tr>
</tbody>
</table>

 Instructions:

― Keep records of employee training, including the date of the training (see Parts 2.1.2.8 and 5.2.5.1 of the 2015 MSGP).
― For in-person training, consider using the tables below to document your employee trainings. For computer-based or other types of training, keep similar records on who was trained, the training date, and the type of training conducted.
APPENDIX C
USEPA ANNUAL REPORTING FORM

MSGP Part 7.1 requires you to use the NPDES eReporting Tool, or “NeT”, to prepare and submit your Annual Report. A hard copy of the annual report is provided in Appendix I of the 2015 MSGP.
Note: This is a "smart form"; as you fill out the form, additional questions will appear that you will need to answer.

### Permit Information

1. What action would you like to take? *
   - File a New Notice of Intent Form

   Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in the Facility Operator Information section of this form requests authorization to discharge pursuant to the NPDES Stormwater Multi-Sector General Permit (MSGP) permit number identified in the Permit Information section of this form. Submission of this NOI also constitutes notice that the operator identified in the Facility Operator Information section of this form meets the eligibility conditions of Part 1.1 of the MSGP for the facility identified in the Facility Information section of this form. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage.

   **Operator Name (Organization Name)***
   - I-MINERALS USA, INC.

   **Operator Name as Noted by the NOI Preparer***
   - I-Minerals USA, Inc.

2. Select the state/territory where your facility is located *
   - ID

3. Is your facility located on Indian Country lands? *
   - Yes
   - No

4. Are you requesting coverage as a "federal operator" as defined in Appendix A? *
   - Yes
   - No
5. Are you a new discharger or a new source as defined in Appendix A? *
   - [ ] Yes
   - [ ] No

5a. Have stormwater discharges from your facility been covered previously under an NPDES permit? *
   - [ ] Yes
   - [ ] No

5aa. Provide your most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP 2008 or the NPDES permit number if you had coverage under an EPA individual permit.
   - IDRO5CU73

6. Do you directly discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding National Resource Water) (See Appendix L)? Your project will be considered to discharge to a Tier 3 water if the first water of the US to which you discharge is identified by a state, tribe, or EPA as a Tier 3 water. For discharges that enter a storm sewer system prior to discharge, the first water of the US to which you discharge is the waterbody that receives the stormwater discharge from the storm sewer system. *
   - [ ] Yes
   - [ ] No

7. Does your facility directly discharge to a Federal CERCLA site listed in Appendix P? For the purposes of this permit, a permittee discharges to a Federal CERCLA site if the discharge flows directly into the site through its own conveyance, or through a conveyance owned by others, such as a municipal separate storm sewer system.
   - [ ] Yes
   - [ ] No

8. Has the Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filing this NOI, as required? *
   - [ ] Yes
   - [ ] No

9. By indicating “Yes”, I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.1.3. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit. *
   - [ ] Yes
   - [ ] No

10. Master Permit Number
    - IDR050000

A: Facility Operator Information

1. Operator Name (Organization Name) *
   - I-MINERALS USA, INC.

2. Street *
   - 1012 N. Adkins Ct.

3. Supplemental Address

4. City *
   - Post Falls

5. State *
   - ID

6. ZIP Code *
   - 83854

7. Facility County or Similar Govt. Subdivision *
   - Latah

8. Phone (10-digits, No dashes) *
   - 2087736984

9. Extension

10. E-Mail *
    - allamar@imineralsinc.com

Operator point of contact information

11. First Name *
    - Lamar

12. Middle Initial

13. Last Name *
    - Long

14. Professional Title *
    - Project Manager

B: Facility Information
1. Facility Name *
I-Minerals Bovill Kaolin Project, Mineral Lease #9276

2. Street/Location *
Mineral Lease #9276; Moose Creek Road

3. Supplemental Address

4. City *
Bovill

5. State *
ID

6. ZIP Code *
83806

7. Facility County or Similar Govt. Subdivision *
Latah

Latitude/Longitude for the facility:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>+46.88824</td>
<td>-116.4725</td>
<td>Other</td>
<td>WGS84</td>
</tr>
</tbody>
</table>

8. Latitude (Decimal Degrees) *
46.88824

9. Longitude (Decimal Degrees) *
-116.4725

10. Latitude/Longitude Data Source *
Other

11. Horizontal Reference Datum
WGS84

12. What is the ownership type of the facility *
Corporation

13. Estimated area of industrial activity at your facility exposed to stormwater (to the nearest quarter acre) *
16.0

14. Identify the applicable sector and subsector of your primary industrial activity (See Appendix D) that best represents the products produced or services rendered for which your facility is primarily engaged, as defined in the MSGP, and the 4-digit Standard Industrial Classification (SIC) code or 2-letter Activity Code:

<table>
<thead>
<tr>
<th>15. Sector *</th>
<th>16. Primary SIC Code *</th>
</tr>
</thead>
<tbody>
<tr>
<td>SECTOR J: MINERAL MINING AND DRESSING</td>
<td>1455: Kaolin And Ball Clay</td>
</tr>
</tbody>
</table>

16. Primary SIC Code *
1455: Kaolin And Ball Clay

17. Subsector
J: Clay, Ceramic, and Refractory Materials

18. Identify the applicable sectors(s) of any co-located industrial activity for which you are requesting permit coverage.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Subsector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

22. Is your facility presently inactive and unstaffed? *
☐ Yes  ☐ No

C: Discharge Information

3. Identify if the following Effluent Limitation Guideline(s) apply to any of your discharges

<table>
<thead>
<tr>
<th>Effluent Limitation Guideline(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>
### Outfalls

4. List all of the stormwater outfalls from your facility. Each outfall must be identified by a unique 3-digit ID (e.g., 001, 002) or a 4-digit ID. Also provide the latitude and longitude in decimal degrees for each outfall.

<table>
<thead>
<tr>
<th>A. Outfall ID</th>
<th>B. Latitude (Decimal Degrees)</th>
<th>C. Longitude (Decimal Degrees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>+ 46.88824</td>
<td>- 116.4725</td>
</tr>
</tbody>
</table>

**Lookup Receiving Waters Information**

(This button will prepopulate the receiving water information associated with your outfall on your form. You may edit the information that is returned if you believe it is incorrect.)

If for any reason the Lookup Receiving Water Information button does not prepopulate your form with receiving waters information, you must manually enter the information on your form.

### Outfall Section

1. Provide the name of the first water of the U.S. that receives stormwater directly from the outfall and/or from the MS4 that the outfall discharges to.

   (You may edit the name of the water of the U.S. that was returned if incorrect.)

   **unnamed intermittent stream that is waters of US**

2. Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL?

   - Yes
   - No

3. Has a TMDL been completed for this receiving waterbody?

   - Yes
   - No

**Add Another Outfall**

Provide the following information about your outfall latitude longitude.

5. Latitude/Longitude Data Source

   Other

6. Horizontal Reference Datum

   WGS84

7. Does your facility discharge into a Municipal Separate Storm Sewer System (MS4)?

   - Yes
   - No
8. Do you discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) (See Appendix L)?

☐ Yes  ☐ No

D: Stormwater Pollution Prevention Plan (SWPPP) Information

SWPPP Contact Information

1. First Name *
   Lamar

2. Middle Initial

3. Last Name *
   Long

4. Professional Title *
   Project Manager

5. Phone (10-digits, No dashes) *
   2087738984

6. Extension

7. E-Mail *
   allamar@imineralsinc.com

8. Your current SWPPP or certain information from your SWPPP must be made available through one of the following two options. Select one of the options and provide the required information.

   - Option 1: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).
     
     Provide the web address URL *
     
     http://www.imineralsinc.com/

   - Option 2: Provide the following information from your SWPPP.

E: Endangered Species Protection

1. Using the instructions in Appendix E of the MSGP, under which endangered species criterion listed in Part 1.1.4.5 are you eligible for coverage under this permit?

   Criterion A - No listed species or critical habitat are in the action area

2. Provide a brief summary of the basis for the criterion selected in Appendix E (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service to determine no species in action area; implementation of controls approved by EPA and the Services).

   IPAC system used for USFWS, letter from USFWS provided in SWPPP. No T&E Species for project area.

F: Historic Preservation

1. If your facility is not located in Indian country lands, is your facility located on a property of religious or cultural significance to an Indian tribe?

   ☐ Yes  ☐ No

2. Using the instructions in Appendix F of the MSGP, under which historic properties preservation criterion listed in Part 1.1.4.7 are you eligible for coverage under this permit?

   Criterion A - No subsurface stormwater controls
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. 40 CFR 122.22 (d)

<table>
<thead>
<tr>
<th>Certifier E-Mail</th>
<th>Form Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:allamar@imineralsinc.com">allamar@imineralsinc.com</a></td>
<td>Approve</td>
</tr>
</tbody>
</table>
APPENDIX E

2015 MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES (MSGP)

A copy of the 2015 MSGP is provided in a CD along with an electronic copy of the SWPPP and forms. The reader can also obtain a copy of the 2015 MSGP from the following EPA site:

http://water.epa.gov/polwaste/npdes/stormwater/EPA-Multi-Sector-General-Permit-MSGP.cfm
APPENDIX E
SWPPP FORMS

The following forms are included:

- Maintenance
- Routine Facility Inspection Reports
- Quarterly Visual Assessment Reports
- Corrective Action Documentation
- SWPPP Amendment Log
Maintenance

Instructions:
- Include in your records documentation of maintenance and repairs of control measures and industrial equipment (see Part 2.1.2.3 and 5.5), including:
  - the control measure/equipment maintained,
  - date(s) of regular maintenance,
  - date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure/equipment was returned to full function, and
  - the justification for any extended maintenance/repair schedules and the notification to your EPA Region that you need an extension past 45 days to complete repairs/maintenance.
- As a reminder:
  - you are required to take all reasonable steps to prevent or minimize the discharge of pollutants until the final repair or replacement is implemented.
  - final repair/replacements of stormwater controls should be completed as soon as feasible but no later than 14 days, or if that is infeasible within 45 days.
  - if the completion of stormwater control repairs/replacement will exceed the 45 day timeframe, you may take the minimum additional time necessary to complete the maintenance, provided you notify the EPA Regional Office and document your rationale in your SWPPP.
- Provide information, as shown below, to document your maintenance activities for each control measure and industrial equipment. Repeat as necessary by copying and pasting the information below for additional control measures.

Control Measure Maintenance Records (copy information below for each control measure)

Control Measure: Insert Name of Control Measure
Regular Maintenance Activities: Describe maintenance activities
Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action
Reason for Action: ☐ Regular Maintenance ☐ Discovery of Problem
If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Control Measure Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)
Notes: Insert Notes (if applicable)
Industrial Equipment/Systems: Insert Name of Industrial Equipment/System
Regular Maintenance Activities: Describe maintenance activities
Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action
Reason for Action:  ☐ Regular Maintenance  ☐ Discovery of Problem
If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Industrial Equipment Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)
Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action
Reason for Action:  ☐ Regular Maintenance  ☐ Discovery of Problem
If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Industrial Equipment Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)
Notes: Insert Notes (if applicable)

Industrial Equipment and Systems Maintenance Records (copy information below for each industrial equipment/system)

Date of Maintenance Action: Insert Date of Action
Reason for Action:  ☐ Regular Maintenance  ☐ Discovery of Problem
If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Industrial Equipment Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)
Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action
Reason for Action:  ☐ Regular Maintenance  ☐ Discovery of Problem

If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Industrial Equipment Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)

Notes: Insert Notes (if applicable)

Date of Maintenance Action: Insert Date of Action

Reason for Action:  ☐ Regular Maintenance  ☐ Discovery of Problem

If Problem,
- Description of Action Required: Describe actions taken in response to problem
- Date Industrial Equipment Returned to Full Function: Insert Date
- Justification for Extended Schedule, if applicable: Insert Justification (if applicable)

Notes: Insert Notes (if applicable)
Routine Facility Inspection Reports

Instructions:

- Include in your records copies of all routine facility inspection reports completed for the facility.
- The sample inspection report is consistent with the requirements in Part 3.1.2 of the 2015 MSGP relating to routine facility inspections. Facilities subject to state industrial stormwater permits may also find this form useful. **If your permitting authority provides you with an inspection report, use that form.**

Using the Sample Routine Facility Inspection Report

- This inspection report is designed to be customized according to the specific control measures and activities at your facility. For ease of use, you should take a copy of your site plan and number all of the stormwater control measures and areas of industrial activity that will be inspected. A brief description of the control measures and areas that were inspected should then be listed in the site-specific section of the inspection report.
- You can complete the items in the “General Information” section that will remain constant, such as the facility name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.
- When conducting the inspection, walk the site by following your site map and numbered control measures/areas of industrial activity to be inspected. Also note whether the “Areas of Industrial Materials or Activities exposed to stormwater” have been addressed (customize this list according to the conditions at your facility). Note any required corrective actions and the date and responsible person for the correction.
Stormwater Industrial Routine Facility Inspection Report

General Information

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Insert Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPDES Tracking No.</td>
<td>Insert Tracking No.</td>
</tr>
<tr>
<td>Date of Inspection</td>
<td>Insert Date</td>
</tr>
<tr>
<td>Start/End Time</td>
<td>Insert Start/End Time</td>
</tr>
<tr>
<td>Inspector’s Name(s)</td>
<td>Insert Name</td>
</tr>
<tr>
<td>Inspector’s Title(s)</td>
<td>Insert Title</td>
</tr>
<tr>
<td>Inspector’s Contact Information</td>
<td>Insert Contact Info</td>
</tr>
<tr>
<td>Inspector’s Qualifications</td>
<td>Insert qualifications or add reference to the SWPPP</td>
</tr>
</tbody>
</table>

Weather Information

Weather at time of this inspection?
- Clear  
- Cloudy  
- Rain  
- Sleet  
- Fog  
- Snow  
- High Winds
- Other: Temperature:

Have any previously unidentified discharges of pollutants occurred since the last inspection?  
- Yes  
- No
If yes, describe: Describe

Are there any discharges occurring at the time of inspection?  
- Yes  
- No
If yes, describe: Describe

Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Identify if maintenance or corrective action is needed:
  - If maintenance is needed, fill out section B of this template
  - If corrective action is needed, fill out section G of this template

<table>
<thead>
<tr>
<th>Structural Control Measure</th>
<th>Control Measure is Operating Effectively?</th>
<th>If No, In Need of Maintenance, Repair, or Replacement?</th>
<th>Maintenance or Corrective Action Needed and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Insert Control Measure Name</td>
<td>☐ Yes ☐ No</td>
<td>☐ Maintenance ☐ Repair ☐ Replacement</td>
</tr>
<tr>
<td>2</td>
<td>Insert Control Measure Name</td>
<td>☐ Yes ☐ No</td>
<td>☐ Maintenance ☐ Repair ☐ Replacement</td>
</tr>
<tr>
<td>3</td>
<td>Insert Control Measure Name</td>
<td>☐ Yes ☐ No</td>
<td>☐ Maintenance ☐ Repair</td>
</tr>
<tr>
<td>Structural Control Measure</td>
<td>Control Measure Operating Effectively?</td>
<td>If No, In Need of Maintenance, Repair, or Replacement?</td>
<td>Maintenance or Corrective Action Needed and Notes</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yes □ No □ N/A</td>
<td>□ Replacement</td>
</tr>
<tr>
<td>4  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>5  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>6  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>7  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>8  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>9  Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>10 Insert Control Measure Name</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Maintenance □ Repair □ Replacement</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
</tbody>
</table>

Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources. Identify if maintenance or corrective action is needed. If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

<table>
<thead>
<tr>
<th>Area/Activity</th>
<th>Inspected?</th>
<th>Controls Adequate (appropriate, effective and operating)?</th>
<th>Maintenance or Corrective Action Needed and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Material loading/unloading and storage areas</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Yes □ No</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>2 Equipment operations and maintenance areas</td>
<td>□ Yes □ No □ N/A</td>
<td>□ Yes □ No</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>Area/Activity</td>
<td>Inspected?</td>
<td>Controls Adequate (appropriate, effective and operating)?</td>
<td>Maintenance or Corrective Action Needed and Notes</td>
</tr>
<tr>
<td>------------------------------------------------------------------------------</td>
<td>------------</td>
<td>-----------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>3 Fueling areas</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>4 Outdoor vehicle and equipment washing areas</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>5 Waste handling and disposal areas</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>6 Erodible areas/construction</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>7 Non-stormwater/ illicit connections</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>8 Salt storage piles or pile containing salt</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>9 Dust generation and vehicle tracking</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>10 Processing areas</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>11 Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>12 Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>13 (Other)</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
<tr>
<td>14 (Other)</td>
<td>✅ Yes</td>
<td>✅ Yes</td>
<td>Describe Maintenance and/or Corrective Actions Needed</td>
</tr>
</tbody>
</table>
Discharge Points

At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

Describe Discharge Points Observations

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

Describe Non-compliance

Additional Control Measures
Describe any additional control measures needed to comply with the permit requirements:

Describe Additional Controls Needed

Notes

Use this space for any additional notes or observations from the inspection:

Additional Notes

CERTIFICATION STATEMENT

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print name and title: ____________________________________________________________

Signature: ___________________________ Date: ___________________________
Quarterly Visual Assessment Reports

Instructions:
- Include in your records copies of all quarterly visual assessment reports completed for the facility (Part 3.2.2). An example quarterly visual assessment report can be found on the following page.
MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Name of Facility
NPDES Tracking No. Insert Tracking No.

Outfall Name: Name "Substantially Identical Discharge Point"?
☐ Yes (identify substantially identical outfalls):
☐ No

Person(s)/Title(s) collecting sample: Name/Title

Person(s)/Title(s) examining sample: Name/Title

Date & Time Discharge Began: Enter date and time

Date & Time Sample Collected: Enter date and time. If sample not taken within first 30 minutes, explain why.

Date & Time Sample Examined: Enter date and time

Substitute Sample? ☐ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☐ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: No of inches

Previous Storm Ended > 72 hours ☐ Yes ☐ No* (explain):
Before Start of This Storm?

Pollutants Observed

Color ☐ None ☐ Other (describe): ______________________

Odor ☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas
☐ Solvents ☐ Other (describe): ______________________

Clarity ☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☐ No ☐ Yes (describe): ______________________

Settled Solids** ☐ No ☐ Yes (describe): ______________________

Suspended Solids ☐ No ☐ Yes (describe): ______________________

Foam (gently shake sample) ☐ No ☐ Yes (describe): ______________________

Oil Sheen ☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick
☐ Other (describe): ______________________

Other Obvious Indicators of Stormwater Pollution ☐ No ☐ Yes (describe): ______________________

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Identify probably sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary). Insert details
Certification Statement (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name:                          B. Title:

C. Signature:                     D. Date Signed:
Deviation from assessment or monitoring schedule

**Instructions:**
Include in your records:
- A description of any deviations from the schedule you provided in your SWPPP for visual assessments and/or monitoring (Part 5.5), and
- The reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (Parts 3.2.3 and 6.1.5 of the 2015 MSGP).

Use the fields below to document the deviations. Repeat as necessary for any deviations.

<table>
<thead>
<tr>
<th>Date: Insert Date</th>
<th>Visual assessments</th>
<th>Monitoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe deviation from schedule: Describe deviation</td>
<td>Reason for deviation: Describe reason</td>
<td></td>
</tr>
<tr>
<td>Date: Insert Date</td>
<td>Visual assessments</td>
<td>Monitoring</td>
</tr>
<tr>
<td>Describe deviation from schedule: Describe deviation</td>
<td>Reason for deviation: Describe reason</td>
<td></td>
</tr>
<tr>
<td>Date: Insert Date</td>
<td>Visual assessments</td>
<td>Monitoring</td>
</tr>
<tr>
<td>Describe deviation from schedule: Describe deviation</td>
<td>Reason for deviation: Describe reason</td>
<td></td>
</tr>
<tr>
<td>Date: Insert Date</td>
<td>Visual assessments</td>
<td>Monitoring</td>
</tr>
<tr>
<td>Describe deviation from schedule: Describe deviation</td>
<td>Reason for deviation: Describe reason</td>
<td></td>
</tr>
</tbody>
</table>
Corrective Action Documentation

Instructions:
Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

Description of Condition: Insert description of condition triggering the need for corrective action

For Spills and Leaks:

Description of Incident: Insert Description
Material: Insert description of material
Date/Time: Insert Date/Time
Amount: Insert Estimated Amount of Spill/Leak
Location: Insert Location of Spill/Leak
Reason for Spill: Insert Reason for Spill/Leak
Discharge to Waters of U.S.: Insert Whether Spill/Leak discharged to a Water of the U.S.

Date: Insert Date Condition was Identified
Immediate Actions: Insert Description of Immediate Actions Taken
Actions Taken within 14 Days: Insert Description of Actions Taken within 14 days of discovery
14 Day Infeasibility: If Applicable, document why it is infeasible to complete necessary installations or repairs within 14-day timeframe and describe schedule
45 Day Extension: If Applicable, document rationale sent to EPA for extension of 45 day timeframe

Description of Condition: Insert description of condition triggering the need for corrective action

For Spills and Leaks:

Description of Incident: Insert Description
Material: Insert description of material
Date/Time: Insert Date/Time
Amount: Insert Estimated Amount of Spill/Leak
Location: Insert Location of Spill/Leak
Reason for Spill: Insert Reason for Spill/Leak
Discharge to Waters of U.S.: Insert Whether Spill/Leak discharged to a Water of the U.S.
Date: Insert Date Condition was Identified

Immediate Actions: Insert Description of Immediate Actions Taken

Actions Taken within 14 Days: Insert Description of Actions Taken within 14 days of discovery

14 Day Infeasibility: If Applicable, document why it is infeasible to complete necessary installations or repairs within 14-day timeframe and describe schedule

45 Day Extension: If Applicable, document rationale sent to EPA for extension of 45 day timeframe
## SWPPP Amendment Log

**Instructions:**
Include in your records:
- A log of the date and description of any amendments to your SWPPP.

Fill in the appropriate columns of this table for each amendment to your SWPPP. Copy and paste additional rows into the table as necessary.

<table>
<thead>
<tr>
<th>Amend. No.</th>
<th>Description of the Amendment</th>
<th>Date of Amendment</th>
<th>Amendment Prepared by [Name(s) and Title]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>2</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>3</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>4</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>5</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>6</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>7</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>8</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>9</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>10</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
<tr>
<td>11</td>
<td>Insert description of amendment</td>
<td>Insert date</td>
<td>Insert name/title</td>
</tr>
</tbody>
</table>
**Criterion A Eligibility Requirements**

In order to be eligible for coverage under criterion A, you must confirm that the following is true:

- I have confirmed there to be no listed species and no critical habitat in my action area.

  
  **Note:** For existing dischargers that have previously obtained coverage under criterion A, you must verify whether listed species and/or critical habitat are expected to exist in your action area, as described above. Please note that if you now find that your action area overlaps with listed species or critical habitat, you must proceed to Step 4.

- If the above is true, you may select criterion A on your NOI form. You must also provide a description of the basis for the criterion selected on your NOI form. You must include this completed worksheet in your SWPPP. Note: If your Official Species List from the USFWS indicated no species or critical habitat were present in your action area, include the full consultation tracking code at the top of your Official Species List in your NOI submittal in the question “Provide a brief summary of the basis for the criterion selected in Appendix E.” If an Official Species List was not available on IPaC, list the contact date and name of the Service staff with whom you corresponded to verify no USFWS species or critical habitat were present in your action area.

- If the above is not true, you may not select criterion A and must proceed to Step 4 to determine if you can become eligible under criterion C.

**STEP 4: DETERMINE IF YOUR INDUSTRIAL FACILITY’S DISCHARGES OR DISCHARGE-RELATED ACTIVITIES ARE LIKELY TO ADVERSELY AFFECT LISTED THREATENED OR ENDANGERED SPECIES OR DESIGNATED CRITICAL HABITAT AND ANY MEASURES THAT MUST BE IMPLEMENTED TO AVOID ADVERSE EFFECTS**

If in Step 3 you determined that listed species and/or designated critical habitat could exist in your action area, you must next assess whether your discharges and discharge-related activities are likely to adversely affect listed threatened or endangered species or designated critical habitat, and whether any additional measures are necessary to ensure no likely adverse effects. In order to make a determination of your facility’s likelihood of adverse effects, you must complete the attached Criterion C Eligibility Form and must submit this form to EPA a minimum of 30 days prior to filing your NOI for permit coverage. After you submit your Criterion C Eligibility Form, you may be contacted by EPA with additional measures that you must implement in order to ensure your eligibility under criterion C.
To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having
similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

Please note: The IPaC module for producing a list of proposed and designated critical habitat is currently incomplete. At this time, we ask that you use the information given below to determine whether your action area falls within a county containing proposed/designated critical habitat for a specific species. If you find that your action falls within a listed county, use the associated links for that species to determine if your action area actually overlaps with the proposed or designated critical habitat.

**Canada Lynx (Lynx canadensis) - Designated February 24, 2009.**
Counties: Boundary County.

GIS Data: http://criticalhabitat.fws.gov/docs/crithab/zip/lunx_ch.zip
KML for Google Earth: (None Currently Available)
Selkirk Mountains Woodland Caribou (*Rangifer tarandus Caribou*) - *Proposed November 30, 2011.*
Counties: Bonner and Boundary Counties.

Printable Maps: [http://www.fws.gov/idaho/home/Map1_sub1_150.pdf](http://www.fws.gov/idaho/home/Map1_sub1_150.pdf)
GIS Data: (None Currently Available)
KML for Google Earth: (None Currently Available)


GIS Data: [http://criticalhabitat.fws.gov/docs/crithab/zip/bulltrout.zip](http://criticalhabitat.fws.gov/docs/crithab/zip/bulltrout.zip)

Kootenai River White Sturgeon (*Acipenser transmontanus*) - *Designated July 9, 2008.*
Counties: Boundary County.

Printable Maps: (None Currently Available)
KML for Google Earth: (None Currently Available)


Printable Maps: [http://www.fws.gov/idaho/Lepidium.html](http://www.fws.gov/idaho/Lepidium.html)
GIS Data: (None Currently Available)
KML for Google Earth: (None Currently Available)

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment
Official Species List

Provided by:
Idaho Fish and Wildlife Office
1387 SOUTH VINNELL WAY, SUITE 368
BOISE, ID 83709
(208) 378-5243

Consultation Code: 01EIFW00-2016-SLI-0084
Event Code: 01EIFW00-2016-E-00086

Project Type: MINING

Project Name: Bovill Kaolin Project

Project Description: Mining Project with existing 2008 MSGP

Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.
Project Location Map:


Project Counties: Latah, ID
Endangered Species Act Species List

There are a total of 0 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the Has Critical Habitat column may or may not lie within your project area. See the Critical habitats within your project area section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

There are no listed species identified for the vicinity of your project.
Critical habitats that lie within your project area

There are no critical habitats within your project area.