

Stormwater Pollution Prevention Plan (SWPPP)

For Construction Activities At:

Schmitt Decline Abandoned Uranium Mine Cleanup and Reclamation
McKinley County, New Mexico
Project Number: 1656901

SWPPP Prepared For:

Uranium Mine Reclamation Program
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SWPPP Preparation Date:

04/29/2026

Estimated Project Dates:

Project Start Date: 05/15/2026

Project Completion Date: 12/31/2026

Contents

SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES	1
1.1 Operator(s) / Subcontractor(s)	1
1.2 Stormwater Team	2
SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING	4
2.1 Project/Site Information	4
2.2 Discharge Information	4
2.3 Nature of the Construction Activities	5
2.4 Sequence and Estimated Dates of Construction Activities	6
2.5 Authorized Non-Stormwater Discharges	7
2.6 Site Maps	8
SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS	8
3.1 Endangered Species Protection	8
3.2 Historic Property Screening Process	11
3.3 Safe Drinking Water Act Underground Injection Control Requirements ...	13
SECTION 4: EROSION AND SEDIMENT CONTROLS AND DEWATERING PRACTICES ...	14
4.1 Natural Buffers or Equivalent Sediment Controls	14
4.2 Perimeter Controls	16
4.3 Sediment Track-Out	17
4.4 Stockpiles or Land Clearing Debris Piles Comprised of Sediment or Soil ...	17
4.5 Minimize Dust	17
4.6 Topsoil	18
4.7 Soil Compaction	19
4.8 Constructed Site Drainage Feature	19
4.10 Other Stormwater Controls	19
4.11 Site Stabilization	20
SECTION 6: INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION	21
6.1 Inspection Personnel and Procedures	21
6.2 Corrective Action	23
6.3 Delegation of Authority	23
SECTION 7: CERTIFICATION AND NOTIFICATION	23
SWPPP APPENDICES	24

SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES

1.1 Operator(s) / Subcontractor(s)

Operator(s):

New Mexico Environmental Department, Uranium Mine Reclamation Program
Jorge A. Munoz-Negron, Uranium Project Lead
Harold Runnels Building
1190 South Saint Francis Drive
Santa Fe, NM 87505
(505) 690-5897
jorge.munoz-negron@env.nm.gov

Subcontractor(s):

EA Engineering, Science, and Technology, Inc., PBC
320 Gold Ave SW, Suite 1300
Albuquerque, NM 87102
505-224-9013

EnergySolutions Federal Services
121 West Trade Street, Suite 2700
Charlotte, NC 28202
954-612-2658

Clawson Excavating, Inc
13375 N West Mountain Road
HC 13 Box 4191
Wales, UT 84667

Emergency 24-Hour Contacts:

EA Engineering, Science, Technology, Inc., PBC
Bernie Bockisch, Project Manager
505-280-0572

EA Engineering, Science, Technology, Inc., PBC
Colleen Rust, Contract Manager
505-321-4515

1.2 Stormwater Team

Stormwater Team

Name and/or Position, and Contact	Responsibilities	I Have Completed Training Required by CGP Part 6.2	I Have Read the CGP and Understand the Applicable Requirements
Dylan Schmeelk Field Lead (626) 523-2208	Operational control during construction	☐ Yes ☒ No	☒ Yes Date: Click here to enter a date.
Samuel Starr Field Alternate (307) 703-0287	SWPPP Inspections Alternate	☐ Yes ☒ No	☒ Yes Date: Click here to enter a date.
Jon Halaeua (801) 889-9591 johnhalaeua@clawsonex.com	SWPPP Inspections	☒ Yes ☐ No	☐ Yes Date: Click here to enter a date.

Stormwater Team Members Who Conduct Inspections Pursuant to CGP Part 4

Name and/or Position and Contact	Training(s) Received	Date Training(s) Completed	If Training is a Non-EPA Training, Confirm that it Satisfies the Minimum Elements of CGP Part 6.3.b
		Date: Click here to enter a date.	☐ Principles and practices of erosion and sediment control and pollution prevention practices at construction sites ☐ Proper installation and maintenance of erosion and sediment controls and pollution prevention practices used at construction sites ☐ Performance of inspections, including the proper completion of required reports and documentation, consistent with the requirements of Part 4
		Date: Click here to enter a date.	☐ Principles and practices of erosion and sediment control and pollution prevention practices at construction sites ☐ Proper installation and maintenance of erosion and sediment controls and pollution prevention practices used at construction sites ☐ Performance of inspections, including the proper completion of required reports and documentation, consistent with the requirements of Part 4
		Date: Click here to enter a date.	☐ Principles and practices of erosion and sediment control and pollution prevention practices at construction sites ☐ Proper installation and maintenance of erosion and sediment controls and pollution prevention practices used at construction sites ☐ Performance of inspections, including the proper completion of required reports and documentation, consistent with the requirements of Part 4

* A minimum of two rows must be completed prior to commencing earth disturbing activities at the Site (one row for the primary inspector and at least one alternate inspector).

SECTION 2: SITE EVALUATION, ASSESSMENT, AND PLANNING

2.1 Project/Site Information

Project Name and Address

Project/Site Name: Schmitt Decline Abandoned Uranium Mine Cleanup and Reclamation

Street/Location:

1.22 air-miles west-northwest of the intersection of State Highway 509 and State Highway 605
SW¼ of the SW¼ of Section 16, Township 13 North, Range 9 West

City: North of Millan NM

State: New Mexico

ZIP Code: 87013

County or Similar Government Division: McKinley County

Project Latitude/Longitude

Latitude: 35.3496° N
(decimal degrees)

Longitude: - 107.8036 ° W
(decimal degrees)

Latitude/longitude data source: ☒ Map ☐ GPS ☐ Other (please specify):

Horizontal Reference Datum: ☐ NAD 27 ☒ NAD 83 ☐ WGS 84

Additional Site Information

Is your site located on Indian country lands, or on a property of religious or cultural significance to an Indian Tribe? ☐ Yes ☒ No

If yes, provide the name of the Indian Tribe associated with the area of Indian country (including the name of Indian reservation if applicable), or if not in Indian country, provide the name of the Indian Tribe associated with the property: Not Applicable

2.2 Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? ☐ Yes ☒ No

Are there any waters of the U.S. within 50 feet of your project's earth disturbances? ☐ Yes ☒ No

For each point of discharge, provide a point of discharge ID (a unique 3-digit ID, e.g., 001, 002), the name of the first receiving water that receives stormwater directly from the point of discharge and/or from the MS4 that the point of discharge discharges to, and the following receiving water information, if applicable:

Point of Discharge ID	Name of receiving water that receives stormwater discharge:	Is the receiving water impaired (on the CWA 303(d) list)?	If yes, list the pollutants that are causing the impairment:	Has a TMDL been completed for this receiving waterbody?	If yes, list TMDL Name and ID:	Pollutant(s) for which there is a TMDL:	Is this receiving water designated as a Tier 2, Tier 2.5, or Tier 3 water?	If yes, specify which Tier (2, 2.5, or 3)?
[001]	Arroyo del Puerto	☐ Yes ☒ No		☐ Yes ☒ No			☐ Yes ☒ No	

2.3 Nature of the Construction Activities

General Description of Project

Provide a general description of the nature of your construction activities, including the age or dates of past renovations for structures that are undergoing demolition:

The Schmitt Decline Abandoned Uranium Mine will undergo reclamation and cleanup which includes removing the existing mine equipment, disposing of waste rock into the decline, and filling the voids with flowable fill, grading, and seeding.

If you are conducting earth-disturbing activities in response to a public emergency, document the cause of the public emergency (e.g., mud slides, earthquake, extreme flooding conditions, widespread disruption in essential public services), information substantiating its occurrence (e.g., State disaster declaration or similar State or local declaration), and a description of the construction necessary to reestablish affected public services:

Not applicable.

Business days and hours for the project: May 15, 2026, through June 30, 2026. Resuming August 1, 2026 through December 31, 2026

Size of Construction Site

Size of Property	533 acres
Total Area Expected to be Disturbed by Construction Activities	21.27 acres
Maximum Area Expected to be Disturbed at Any One Time, Including On-site and Off-site Construction Support Areas	5 acres

Type of Construction Site (check all that apply):

- ☐ Single-Family Residential ☐ Multi-Family Residential ☐ Commercial ☐ Industrial
☐ Institutional ☐ Highway or Road ☐ Utility ☒ Other: Mine Reclamation

Will you be discharging dewatering water from your site? ☐ Yes ☒ No

If yes, will you be discharging dewatering water from a current or former Federal or State remediation site? ☐ Yes ☐ No

Pollutant-Generating Activities

List and describe all pollutant-generating activities and indicate for each activity the associated pollutants or pollutant constituents that could be discharged in stormwater from your construction site. Take into account where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos, that will be disturbed during construction.

Pollutant-Generating Activity (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal; and dewatering operations)	Pollutants or Pollutant Constituents (e.g., sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels)
Disturbed and stored soils	Sediment and Uranium impacted soil and waste rock
Vehicle Tracking of Sediment	Sediment
Management of Contaminated Soils	Uranium impacted soil and waste rock
Vehicle and equipment maintenance and fueling	Fuels, oils, hydraulic fluid, and sediment
Significant dust or particulate generating processes	Dust
On-site waste management practices	Uranium waste rock piles
Non-industrial waste sources such as worker trash and portable toilets	Trash and Portable Toilets

Construction Support Activities *(only provide if applicable)*

Describe any construction support activities for the project (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas):

Support activities for the project include an equipment staging yard and storage area, and a temporary stockpile area. Clean borrow material will be imported from an off-site location. Concrete will be batched and delivered to the site.

Clawson Excavating, Inc
13375 N West Mountain Road
HC 13 Box 4191
Wales, UT 84667
Cecil Clawson
435-609-1222
cecilclawson@clawsonex.com

2.4 Sequence and Estimated Dates of Construction Activities

Phase I

Mine Reclamation	
Estimated Start Date of Construction Activities for this Phase	5/15/2026

Estimated End Date of Construction Activities for this Phase	12/31/2026
Estimated Date(s) of Application of Stabilization Measures for Areas of the Site Required to be Stabilized	5/15/2026 12/31/2026
Estimated Date(s) when Stormwater Controls will be Removed	12/31/2027

2.5 Authorized Non-Stormwater Discharges

List of Authorized Non-Stormwater Discharges Present at the Site

Authorized Non-Stormwater Discharge	Will or May Occur at Your Site?
Discharges from emergency fire-fighting activities	☐ Yes ☒ No
Fire hydrant flushings	☐ Yes ☒ No
Landscape irrigation	☐ Yes ☒ No
Water used to wash vehicles and equipment	☒ Yes ☐ No
Water used to control dust	☒ Yes ☐ No
Potable water including uncontaminated water line flushings	☐ Yes ☒ No
External building washdown (soaps/solvents are not used and external surfaces do not contain hazardous substances)	☐ Yes ☒ No
Pavement wash waters	☐ Yes ☒ No
Uncontaminated air conditioning or compressor condensate	☐ Yes ☒ No
Uncontaminated, non-turbid discharges of ground water or spring water	☐ Yes ☒ No
Foundation or footing drains	☐ Yes ☒ No
Uncontaminated construction dewatering water	☐ Yes ☒ No

(Note: You are required to identify the likely locations of these authorized non-stormwater discharges on your site map. See Section 2.6, below, of this SWPPP Template.)

2.6 Site Maps

See SWPPP Maps.

SECTION 3: DOCUMENTATION OF COMPLIANCE WITH OTHER FEDERAL REQUIREMENTS

3.1 Endangered Species Protection

Eligibility Criterion

Following the process outlined in Appendix D, under which criterion are you eligible for coverage under this permit?

-
- ☒ **Criterion A:** No ESA-listed species and/or designated critical habitat present in action area. Using the process outlined in Appendix D of the CGP, you certify that ESA-listed species and designated critical habitat(s) under the jurisdiction of the USFWS or NMFS are not likely to occur in your site's "action area" as defined in Appendix A of the CGP. *Please Note: NMFS' jurisdiction includes ESA-listed marine and estuarine species that spawn in inland rivers.*
- ☒ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D (Note: reliance on State resources is not acceptable; see CGP Appendix D).

Documentation: [Biological Assessment/Biological Evaluation for the Schmitt Decline Abandoned Uranium Mine Project, McKinley County, New Mexico.](#)

- ☐ **Criterion B:** Eligibility requirements met by another operator under the 2022 CGP. The construction site's discharges and discharge-related activities were already addressed in another operator's valid certification of eligibility for your "action area" under eligibility Criterion A, C, D, E, or F of the 2022 CGP and you have confirmed that no additional ESA-listed species and/or designated critical habitat under the jurisdiction of USFWS and/or NMFS not considered in the that certification may be present or located in the "action area." To certify your eligibility under this criterion, there must be no lapse of NPDES permit coverage in the other CGP operator's certification. By certifying eligibility under this criterion, you agree to comply with any conditions upon which the other CGP operator's certification was based. You must include in your NOI the NPDES ID from the other 2022 CGP operator's notification of authorization under this permit and list any measures that you must comply with. If your certification is based on another 2022 CGP operator's certification under criterion C, you must provide EPA with the relevant supporting information required of existing dischargers in Criterion C.
- ☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D.

Documentation: [Insert Text Here](#)

Eligibility Criterion

Following the process outlined in Appendix D, under which criterion are you eligible for coverage under this permit?

-
- ☐ **Criterion C:** Discharges not likely to result in any short- or long-term adverse effects to ESA-listed species and/or designated critical habitat. ESA-listed species and/or designated critical habitat(s) under the jurisdiction of the USFWS and/or NMFS are likely to occur in or near your site's "action area," and you certify to EPA that your site's discharges and discharge-related activities are not likely to result in any short- or long-term adverse effects to ESA-listed threatened or endangered species and/or designated critical habitat. This certification may include consideration of any stormwater controls and/or management practices you will adopt to ensure that your discharges and discharge-related activities are not likely to result in any short- or long-term adverse effects to ESA-listed species and/or designated critical habitat. To certify your eligibility under this criterion, indicate 1) the ESA-listed species and/or designated habitat located in your "action area" using the process outlined in Appendix D of this permit; 2) the distance between the site and the listed species and/or designated critical habitat in the action area (in miles); and 3) a rationale describing specifically how short- or long-term adverse effects to ESA-listed species will be avoided from the discharges and discharge-related activities. (Note: You must include a copy of your site map from your SWPPP showing the upland and in-water extent of your "action area" with your NOI.)
- ☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D.

Documentation: [Insert Text Here](#)

- ☐ **Criterion D:** Coordination with USFWS and/or NMFS has successfully concluded. Coordination between you and the USFWS and/or NMFS has concluded. The coordination must have addressed the effects of your site's discharges and discharge-related activities on ESA-listed species and/or designated critical habitat under the jurisdiction of USFWS and/or NMFS, and resulted in a written confirmation from USFWS and/or NMFS that the effects of your site's discharges and discharge-related activities are not likely to result in any short- or long-term adverse effects. By certifying eligibility under this criterion, you agree to comply with any conditions you must meet for your site's discharges and discharge-related activities to not likely result in any short- or long-term adverse effects. You must include copies of the correspondence with the participating agencies in your SWPPP and this NOI.
- ☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D.

Documentation: [Insert Text Here](#)

Eligibility Criterion

Following the process outlined in Appendix D, under which criterion are you eligible for coverage under this permit?

- ☐ **Criterion E: ESA Section 7 consultation has successfully concluded.** Consultation between a Federal agency and the USFWS and/or NMFS under section 7 of the ESA has concluded. Consultations can be either formal or informal, and would have occurred only as a result of a separate Federal action (e.g., during application for an individual wastewater discharge permit or the issuance of a wetlands dredge and fill permit), and the consultation must have addressed the effects of your construction activity's discharges and discharge-related activities on all ESA-listed threatened or endangered species and all designated critical habitat under the jurisdiction of each Service, as appropriate, in your action area. The result of this consultation must be either:
- i. A biological opinion currently in effect that determined that the action in question (taking into account the effects of your facility's discharges and discharge-related activities) is likely to adversely affect, but is not likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of critical habitat. The biological opinion must have included the effects of your facility's discharges and discharge-related activities on all the listed species and designated critical habitat in your action area under the jurisdiction of each Service, as appropriate. To be eligible under (i), any reasonable and prudent measures specified in the incidental take statement must be implemented;
 - ii. Written concurrence (e.g., letter of concurrence) from the applicable Service(s) with a determination that your facility's discharges and discharge-related activities are not likely to adversely affect ESA-listed species and/or designated critical habitat. The concurrence letter must have included the effects of your facility's discharges and discharge-related activities on all the ESA-listed species and/or designated critical habitat on your species list(s) acquired from USFWS and/or NMFS as part of this worksheet.

The consultation does not warrant reinitiation under 50 CFR §402.16; or, if reinitiation of consultation is required (e.g., due to a new species listing, critical habitat designation, or new information), the Federal action agency has reinitiated the consultation and the result of the consultation is consistent with the statements above. (Note: you must include any reinitiation documentation from the Services or consulting Federal agency with your NOI.) -

- ☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D.

Documentation: [Insert Text Here](#)

Eligibility Criterion

Following the process outlined in Appendix D, under which criterion are you eligible for coverage under this permit?

- ☐ **Criterion F: Issuance of section 10 permit.** Potential take is authorized through the issuance of a permit under section 10 of the ESA by the USFWS and/or NMFS, and this authorization addresses the effects of the site's discharges and discharge-related activities on ESA-listed species and designated critical habitat. You must include copies of the correspondence between yourself and the participating agencies in your SWPPP and your NOI.
- ☐ Check to confirm you have provided documentation in your SWPPP as required by CGP Appendix D.

Documentation: [Insert Text Here](#)

3.2 Historic Property Screening Process

Instructions (see CGP Part 1.1.6, 7.2.9.b, Appendix E, and the “Historic Preservation” section of the Appendix H – NOI Form and Instructions):

Follow the screening process in Appendix E of the permit to determine whether your installation of subsurface earth-disturbing stormwater controls will have an effect on historic properties.

- Include documentation supporting your determination of eligibility.
- To contact your applicable State historic preservation office, information is available at <https://ncshpo.org/directory/>
- To contact your applicable Tribal historic preservation office, information is available at https://grantsdev.cr.nps.gov/THPO_Review/index.cfm

Appendix E, Step 1

Do you plan on installing any stormwater controls that require subsurface earth disturbance, including, but not limited to, any of the following stormwater controls at your site? Check all that apply below, and proceed to Appendix E, Step 2.

- ☐ Dike
- ☒ Berm
- ☐ Catch Basin
- ☐ Pond
- ☒ Constructed Site Drainage Feature (e.g., ditch, trench, perimeter drain, swale, etc.)
- ☐ Culvert
- ☐ Channel
- ☒ Other type of ground-disturbing stormwater control: [Sediment Traps](#)

(Note: If you will not be installing any subsurface earth-disturbing stormwater controls, no further documentation is required for Section 3.2 of the Template.)

Appendix E, Step 2

If you answered yes in Step 1, have prior professional cultural resource surveys or other evaluations determined that historic properties do not exist, or have prior disturbances at the site have precluded the existence of historic properties? ☐ YES ☒ NO

- If yes, no further documentation is required for Section 3.2 of the Template and you may provide the prior documentation in your SWPPP.

Documentation: [Class III Cultural Resource Inventory for the Schmitt Decline Abandoned Uranium Mine Project, McKinley County, New Mexico.](#)

- If no, proceed to Appendix E, Step 3.

Appendix E, Step 3

If you answered no in Step 2, have you determined that your installation of subsurface earth-disturbing stormwater controls will have no effect on historic properties? ☒ YES ☐ NO

- If yes, provide documentation of the basis for your determination. [See Historic Preservation documentation included as Appendix L of this SWPPP.](#)
- If no, proceed to Appendix E, Step 4.

Appendix E, Steps 4 and 5

If you answered no in Step 3, did the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Office (THPO), or other Tribal representative (whichever applies) respond to you within 15 calendar days to indicate their views as to the likelihood that historic properties are potentially present on your site and may be impacted by the installation of stormwater controls that require subsurface earth disturbance? ☐ YES ☐ NO

- If yes, describe the nature of their response:
 - ☐ Written indication that no historic properties will be affected by the installation of stormwater controls. [Insert copies of letters, emails, or other communication between you and the applicable SHPO, THPO, or other Tribal representative](#)
 - ☐ Written indication that adverse effects to historic properties from the installation of stormwater controls can be mitigated by agreed upon actions. [Insert copies of letters, emails, or other communication between you and the applicable SHPO, THPO, or other Tribal representative](#)
 - ☐ No agreement has been reached regarding measures to mitigate effects to historic properties from the installation of stormwater controls. [Provide a description of any significant remaining disagreements regarding mitigation measures and insert copies of letters, emails, or other communication between you and the applicable SHPO, THPO, or other Tribal representative](#)
 - ☐ Other: [Insert copies of letters, emails, or other communication between you and the applicable SHPO, THPO, or other Tribal representative](#)
- If no, no further documentation is required for Section 3.2 of the Template.

3.3 Safe Drinking Water Act Underground Injection Control Requirements

Do you plan to install any of the following controls? Check all that apply below.

- ☐ Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)
- ☐ Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow
- ☐ Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system)

If yes, insert copies of letters, emails, or other communication between you and the State agency or EPA regional office.

SECTION 4: EROSION AND SEDIMENT CONTROLS AND DEWATERING PRACTICES

4.1 *Natural Buffers or Equivalent Sediment Controls*

Buffer Compliance Alternatives

Are there any receiving waters within 50 feet of your project's earth disturbances? ☐ YES ☒ NO

(Note: If no, no further documentation is required for Section 4.1 in the SWPPP Template.
Continue to Section 4.2.)

Check the compliance alternative that you have chosen:

- ☐ (i) I will provide and maintain a 50-foot undisturbed natural buffer.

(Note 1: You must show the 50-foot boundary line of the natural buffer on your site map.)

(Note 2: You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

- ☐ (ii) I will provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls that achieve, in combination, the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

(Note 1: You must show the boundary line of the natural buffer on your site map.)

(Note 2: You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

- Insert width of natural buffer to be retained

- Insert either of the following:

(1) The estimated sediment removal from a 50-foot buffer using applicable tables in Appendix F, Attachment 1. Include information about the buffer vegetation and soil type that predominate at your site

OR

(2) If you conducted a site-specific calculation for the estimated sediment removal of a 50-foot buffer, provide the specific removal efficiency, and information you relied upon to make your site-specific calculation

- Insert description of additional erosion and sediment controls to be used in combination with natural buffer area

- Insert the following information:

- (1) Specify the model or other tool used to estimate sediment load reductions from the combination of the buffer area and additional erosion and sediment controls installed at your site, and
- (2) Include the results of calculations showing that the combination of your buffer area and the additional erosion and sediment controls installed at your site will meet or exceed the sediment removal efficiency of a 50-foot buffer

- ☐ (iii) It is infeasible to provide and maintain an undisturbed natural buffer of any size, therefore I will implement erosion and sediment controls that achieve the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.
- Insert rationale for concluding that it is infeasible to provide and maintain a natural buffer of any size
 - Insert either one of the following:
 - (1) The estimated sediment removal from a 50-foot buffer using applicable tables in Appendix F, Attachment 1. Include information about the buffer vegetation and soil type that predominate at your site
 - OR
 - (2) If you conducted a site-specific calculation for the estimated sediment removal of a 50-foot buffer, provide the specific removal efficiency, and information you relied upon to make your site-specific calculation
 - Insert description of additional erosion and sediment controls to be used in combination with natural buffer area
 - Insert the following information:
 - (1) Specify the model or other tool used to estimate sediment load reductions from the combination of the buffer area and additional erosion and sediment controls installed at your site, and
 - (2) Include the results of calculations showing that the combination of your buffer area and the additional erosion and sediment controls installed at your site will meet or exceed the sediment removal efficiency of a 50-foot buffer
- ☐ I qualify for one of the exceptions in Part 2.2.1.b. (If you have checked this box, provide information on the applicable buffer exception that applies, below.)

Buffer Exceptions

Which of the following exceptions to the buffer requirements applies to your site?

- ☐ There is no discharge of stormwater to waters of the U.S. through the area between the disturbed portions of the site and any waters of the U.S. located within 50 feet of your site.
(Note: If this exception applies, no further documentation is required for Section 4.1 of the Template.)
- ☐ No natural buffer exists due to preexisting development disturbances (e.g., structures, impervious surfaces) that occurred prior to the initiation of planning for this project.
(Note 1: If this exception applies, no further documentation is required for Section 4.1 of the Template.)
(Note 2: Where some natural buffer exists but portions of the area within 50 feet of the surface water are occupied by preexisting development disturbances, you must still comply with the one of the CGP Part 2.2.1.a compliance alternatives.)
- ☐ For “linear construction sites” (defined in Appendix A), site constraints (e.g., limited right-of-way) make it infeasible to meet any of the CGP Part 2.2.1.a compliance alternatives, provided that, to the extent feasible, you limit disturbances within 50 feet of the receiving water. Include documentation here of the following: (1) why it is infeasible for you to

meet one of the buffer compliance alternatives, and (2) buffer width retained and/or supplemental erosion and sediment controls to treat discharges to the surface water

- ☐ The project qualifies as "small residential lot" construction (defined in Appendix A as "a lot being developed for residential purposes that will disturb less than 1 acre of land, but is part of a larger residential project that will ultimately disturb greater than or equal to 1 acre") (see Appendix F, Part F.3.2).

- ☐ For Alternative 1:

- Insert width of natural buffer to be retained
- Insert applicable requirements based on Table F-1
- Insert description of how you will comply with these requirements

- ☐ For Alternative 2:

- Insert (1) the assigned risk level based on Appendix F Applicable Table F-2 through F-6 and (2) the predominant soil type and average slope at your site
- Insert applicable requirements based on Appendix F, Table F-7
- Insert description of how you will comply with these requirements

(Note 1: If you alternatively choose to comply with any of the options that are available to other sites in Part 2.2.1.a and F.2.1 of this Appendix, then additional documentation may be needed.)

- ☐ Buffer disturbances are authorized under a CWA Section 404 permit. Insert description of any earth disturbances that will occur within the buffer area

(Note 1: If this exception applies, no further documentation is required for Section 4.1 of the Template.)

(Note 2: This exception only applies to the limits of disturbance authorized under the Section 404 permit and does not apply to any disturbances within 50 feet of a receiving water that are adjacent to the disturbances authorized under Section 404 and that are covered by this permit.)

- ☐ Buffer disturbances will occur for the construction of a water-dependent structure or water access area (e.g., pier, boat ramp, and trail). Insert description of any earth disturbances that will occur within the buffer area

(Note: If this exception applies, no further documentation is required for Section 4.1 of the Template.)

4.2 Perimeter Controls

General

- The area of disturbance will be encompassed by a berm, and three sediment traps will be placed along the berm line to reduce the velocity of stormwater to allow sediment to settle out prior to discharge from the disturbance area.

Specific Perimeter Controls

Berm
Description: A berm will be constructed to encompass the limits of disturbance.

Berm	
Installation	6/1/2026
Maintenance Requirements	Monitoring for signs of erosion and repair as needed.
Design Specifications	See details provided with SWPP maps.

Sediment Trap	
Description: Sediment traps are formed by excavating an area or by placing an earthen embankment across a low area or drainage swale.	
Installation	6/1/2026
Maintenance Requirements	Remove accumulated sediment as needed to maintain the effectiveness of the sediment trap, typically when the sediment depth is approximately one-half the height of the outflow embankment.
Design Specifications	See details provided with SWPP maps. (61_SC-08 Sediment Trap)

4.3 Sediment Track-Out

General

- NA

4.4 Stockpiles or Land Clearing Debris Piles Comprised of Sediment or Soil

General

- The stockpile on site will remain within the berm area.

Specific Stockpile Controls

Stockpile within berm area	
Description: Stockpile management includes measures to minimize erosion and sediment transport from soil stockpiles.	
Installation	6/1/2026
Maintenance Requirements	Inspect perimeter controls and inlet protection in accordance with their respective BMP Fact Sheets.
Design Specifications	See details provided with SWPP maps. (55_MM-2 Stockpile Management)

4.5 Minimize Dust

General

- Water suppression will be used to control dust when necessary.

Specific Dust Controls

Water Suppression	
Description: Wind erosion and dust control BMPs help to keep soil particles from entering the air as a result of land disturbing construction activities.	
Installation	6/1/2026

Water Suppression	
Maintenance Requirements	Apply as needed when vehicle traffic along dirt roadways is expected during dry and/or windy conditions.
Design Specifications	See details provided with SWPP maps. (50_EC-14 Wind Erosion-Dust Control)

4.6 Topsoil

General

- Topsoil will be preserved at the site by using stockpiles where needed and placing them within the berm area.

Specific Topsoil Controls

Stockpile and berm area	
Description: Stockpile of topsoil within earthen dike/swale area. Place aggregate bags around stockpile to prevent topsoil from mobilizing outside of stockpile area.	
Installation	6/1/2026
Maintenance Requirements	Monitor berm and aggregate bags for damage and make repairs as necessary.
Design Specifications	See details provided with SWPP maps.

4.7 Soil Compaction

General

- Surface roughening will be completed on exposed disturbed soils within the LOD daily prior to halting work for the day.

Specific Soil Compaction Controls

Surface Roughening	
Description: Surface roughening is an erosion control practice that involves tracking, scarifying, imprinting, or tilling a disturbed area to provide temporary stabilization of disturbed areas.	
Installation	6/15/2026
Maintenance Requirements	Surface roughening is only a temporary control, additional treatments may be necessary to maintain the soil surface in a roughened condition.
Design Specifications	See details provided with SWPP maps. (37_EC-01 Surface Roughening)

4.8 Constructed Site Drainage Feature

General

- Three sediment traps will be placed around the site as control practices.

Specific Constructed Site Drainage Features

Sediment Traps	
Description: Sediment traps are formed by excavating an area or by placing an earthen embankment across a low area or drainage swale.	
Installation	6/1/2026
Maintenance Requirements	Remove accumulated sediment as needed to maintain the effectiveness of the sediment trap, typically when the sediment depth is approximately one-half the height of the outflow embankment.
Design Specifications	See details provided with SWPP maps. (61_SC-08 Sediment Trap)

4.10 Other Stormwater Controls

General

- Check dams will be placed in drainage ways to prevent erosion and erosion control logs will be placed in areas with slopes to slow down the velocity of stormwater and prevent erosion.

Specific Stormwater Control Practices

Check dams	
Description: Check dams are temporary grade control structures placed in drainage channels to limit the erosivity of stormwater by reducing flow velocity. Check dams are typically constructed from rock, gravel bags, sand bags, or sometimes, proprietary devices.	
Installation	6/1/2026

Check dams	
Maintenance Requirements	Replace missing rocks causing voids in the check dam. If gravel bags or sandbags are used, replace or repair torn or displaced bags. Remove accumulated sediment, as needed to maintain BMP effectiveness, typically before the sediment depth upstream of the check dam is within ½ of the crest height.
Design Specifications	See details provided with SWPP maps. (48_EC-12 Check Dam)

Erosion Control Logs	
Description: A sediment control log is a linear roll made of natural materials such as straw, coconut fiber, or compost.	
Installation	6/1/2026
Maintenance Requirements	Remove accumulated sediment before the depth is one-half the height of the sediment log and repair damage to the sediment log, typically by replacing the damaged section
Design Specifications	See details provided with SWPP maps. (55_SC-02 Sediment Control Log)

4.11 Site Stabilization

Total Amount of Land Disturbance Occurring at Any One Time

- ☒ Five Acres or less
☐ More than Five Acres

Seeding	
☒ Vegetative ☐ Non-Vegetative ☐ Temporary ☒ Permanent	
Description: - Hydromulching and hydroseeding will be completed in the disturbance area surrounding the mine due to presence of exposed bedrock at the surface. - The staging area will be drill seeded and crimped straw mulch will be applied. - Temporary seeding can be used to stabilize disturbed areas that will be inactive for an extended period. - Permanent seeding should be used to stabilize areas at final grade that will not be otherwise stabilized. - Effective seeding includes preparation of a seedbed, selection of an appropriate seed mixture, proper planting techniques, and protection of the seeded area with mulch, geotextiles, or other appropriate measures.	
Installation	6/15/2026
Completion	6/30/2026
Maintenance Requirements	Monitor and observe seeded areas to identify areas of poor growth or areas that fail to germinate. Reseed and mulch these areas, as needed.
Design Specifications	See details provided with SWPP maps (38_EC-02 Temporary and Permanent Seeding)

SECTION 6: INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION

6.1 Inspection Personnel and Procedures

Site Inspection Schedule

Select the inspection frequency(ies) that applies, based on CGP Parts 4.2, 4.3, or 4.4

(Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply and indicate which portion(s) of the site it applies to.)

Standard Frequency:
☐ Every 7 calendar days ☒ Every 14 calendar days and within 24 hours of either: ▪ A storm event that produces 0.25 inches or more of rain within a 24-hour period (including when there are multiple, smaller storms that alone produce less than 0.25 inches but together produce 0.25 inches or more in 24 hours), or ▪ A storm event that produces 0.25 inches or more of rain within a 24-hour period on the first day of a storm and continues to produce 0.25 inches or more of rain on subsequent days (you conduct an inspection within 24 hours of the first day of the storm and within 24 hours after the last day of the storm that produces 0.25 inches or more of rain (i.e., only two inspections would be required for such a storm event)), or ▪ A discharge caused by snowmelt from a storm event that produces 3.25 inches or more of snow within a 24-hour period.
Increased Frequency (if applicable):
For areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3 ☐ Every 7 days and within 24 hours of either: ▪ A storm event that produces 0.25 inches or more of rain within a 24-hour period, or ▪ A discharge caused by snowmelt from a storm event that produces 3.25 inches or more of snow within a 24-hour period.
Reduced Frequency (if applicable)
For stabilized areas ☐ Twice during first month, no more than 14 calendar days apart; then once per month after first month until permit coverage is terminated consistent with Part 9 in any area of your site where the stabilization steps in 2.2.14.a have been completed. ▪ Specify locations where stabilization steps have been completed ▪ Insert date that they were completed <i>(Note: It is likely that you will not be able to include this in your initial SWPPP. If you qualify for this reduction (see CGP Part 4.4.1), you will need to modify your SWPPP to include this information. If construction activity resumes in this portion of the site at a later date, the inspection frequency immediately increases to that required in Parts 4.2 and 4.3, as applicable.)</i>

For stabilized areas on “linear construction sites” (as defined in Appendix A)

- ☐ Twice during first month, no more than 14 calendar days apart; then once more within 24 hours of a storm event that produces 0.25 inches or more of rain within a 24-hour period, or within 24 hours of a snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period
- Specify locations where stabilization steps have been completed
 - Insert date that they were completed
- (Note: It is likely that you will not be able to include this in your initial SWPPP. If you qualify for this reduction (see CGP Part 4.4.1), you will need to modify your SWPPP to include this information.)

For arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought

- ☐ Once per month and within 24 hours of either:
- A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
 - A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period.

Insert beginning and ending month identified as the seasonally dry period for your area or the valid period of drought:

- Beginning month of the seasonally dry period: Insert approximate date
- Ending month of the seasonally dry period: Insert approximate date

For frozen conditions where construction activities are being conducted

- ☐ Once per month

Insert beginning and ending dates of frozen conditions on your site:

- Beginning date of frozen conditions: Insert approximate date
- Ending date of frozen conditions: Insert approximate date

For frozen conditions where construction activities are suspended

- ☐ Inspections are temporarily suspended

Insert beginning and ending dates of frozen conditions on your site:

- Beginning date of frozen conditions: Insert approximate date
- Ending date of frozen conditions: Insert approximate date

Dewatering Inspection Schedule

Select the inspection frequency that applies based on CGP Part 4.3.2 - NA

Dewatering Inspection

- ☐ Once per day on which the discharge of dewatering water occurs.

Rain Gauge Location (if applicable)

One at entrance to work area, one within the stabilized staging area, and one at the entrance to the borrow area.

Inspection Report Forms

See a copy of inspection report form in Appendix D.

6.2 Corrective Action

Personnel Responsible for Corrective Actions

John Halaeua – Clawson Excavating, Inc

Corrective Action Logs

See a copy of the corrective action log in Appendix E.

6.3 Delegation of Authority

Duly Authorized Representative(s) or Position(s):

Clawson Excavating, Inc
John Halaeua
SWPPP Inspections
13375 N West Mountain Road
Wales, UT 84667
(801) 889-9591
johnhalaeua@clawsonex.com

SECTION 7: CERTIFICATION AND NOTIFICATION

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 have no personal knowledge that the information submitted is other than 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.

Name: Tom Habberfield, PE

Title: Technical Group Manager –
Engineering & Compliance

Signature: _____



Date: April 29, 2026



SWPPP APPENDICES

Attach the following documentation to the SWPPP:

Appendix A – Site Maps

Appendix B – Copy of 2022 CGP

(Note: The 2022 CGP is available at <https://www.epa.gov/npdes/2022-construction-general-permit-cgp>)

Appendix C – NOI and EPA Authorization Email

Appendix D – Site Inspection Form and Dewatering Inspection Form (if applicable)

(Note: EPA has developed a sample site inspection form template that CGP operators can use. The template is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>). Where the operator will be dewatering at the site, EPA has developed a separate dewatering inspection form template to use to document the required information. This template is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>.

Appendix E – Corrective Action Log

(Note: EPA has developed a sample corrective action log that CGP operators can use. The form is available at <https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates>)

Appendix F – SWPPP Amendment Log

Appendix G – Subcontractor Certifications/Agreements

Appendix H – Grading and Stabilization Activities Log

Appendix I – Training Documentation

Appendix J – Delegation of Authority

Appendix K – Endangered Species Documentation

Appendix L – Historic Preservation Documentation

Appendix M – Rainfall Gauge Recording

Appendix A – Site Maps

Appendix B – Copy of 2022 CGP

Appendix C – Copy of NOI and EPA Authorization Email

INSERT COPY OF NOI AND EPA'S AUTHORIZATION EMAIL PROVIDING COVERAGE UNDER THE CGP

Appendix D – Copy of Site and Dewatering Inspection Forms

Appendix E – Copy of Corrective Action Log

Appendix F – SWPPP Amendment Log

[illegible]

Appendix G – Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: _____

Project Title: _____

Operator(s): _____

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the practices described in the SWPPP.

This certification is hereby signed in reference to the above named project:

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Appendix I –Training Documentation

INSERT DOCUMENTATION CONSISTENT WITH SWPPP TEMPLATE SECTION 1.2 AND CGP PART 7.2.2
PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES.

Appendix J –Delegation of Authority Form

Delegation of Authority

I, _____ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the EPA's Construction General Permit (CGP), at the _____ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

_____ (name of person or position)
_____ (company)
_____ (address)
_____ (city, State, zip)
_____ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in Appendix G of EPA's CGP, and that the designee above meets the definition of a "duly authorized representative" as set forth in Appendix G.

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 have no personal knowledge that the information submitted is other than 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.

Name: _____

Company: _____

Title: _____

Signature: _____

Date: _____

Appendix K – Endangered Species Documentation

INSERT DOCUMENTATION CONSISTENT WITH SWPPP TEMPLATE SECTION 3.1 AND CGP APPENDIX D

Appendix L – Historic Properties Documentation

INSERT DOCUMENTATION CONSISTENT WITH SWPPP TEMPLATE SECTION 3.2 AND CGP APPENDIX E

Appendix M – Rainfall Gauge Recording

Use the table below to record the rainfall gauge readings at the beginning and end of each work day. An example table follows.

Month/Year			Month/Year			Month/Year		
Day	Start time	End time	Day	Start time	End time	Day	Start time	End time
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
21			21			21		
22			22			22		
23			23			23		
24			24			24		
25			25			25		
26			26			26		
27			27			27		
28			28			28		
29			29			29		
30			30			30		
31			31			31		

Example Rainfall Gauge Recording

April 2022			May 2022			June 2022		
Day	7:00 am	4:400 pm	Day	7:00 am	4:00 pm	Day	7:00 am	4:00 pm
1	--	--	1	0.2	0	1	0	0.4
2	--	--	2	0	0	2	0	0
3	0	0	3	0.1	0.3	3	--	--
4	0	0.3	4	0	0	4	--	--
5	0	0	5	0	0	5	0	0

In this example (for only partial months), 0.25-inch rainfall inspections would have been conducted on April 4 and June 1.