

ENTACT'S PROPOSED REMEDIAL PLAN
BISHOP WELL (LOC) - PRIVATE PROPERTY
POND T069
GALETON, CO

PREPARED FOR:



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CONFIDENTIAL INFORMATION OF ENTACT, LLC.

ENTACT, LLC. (ENTACT) uses proprietary technology in additive and treatment processing to achieve its fixation and permeability results. Patents are both issued and pending, including U.S. Patent # 5,588,947, # 5,591,116, # 5,667,696, # 5,931,773, # 5,654,176, and # 5,788,623.

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1.0 INTRODUCTION

This proposed plan addresses ENTACT's proposed remedial approach for shallow soil and sediment removal from the Private Property Pond T069 (Pond T069) from impacts attributed to the adjacent Bishop A18-742 oil well (API#05-123-52071, NRC# 1427912) located near the intersection of County Road 72 and County Road 51 in Galeton, Weld County, CO 80615.

The Pond T069 is approximately 9 acres and encircled by an existing perimeter berm access road. Greeley Number 2 Canal flows around the pond on the west, north and east sides, with farm fields beyond. Willow Creek ties into the Greeley Number 2 Canal on the east side of the pond. The project objective is to remove the surface layer from within the pond to mitigate impacts from the Bishop Well Release. The scope of work includes planning, preparation, mobilization, temporary facilities, environmental controls, surveying, excavation, waste handling and loadout, water management, grading, and demobilization.

2.0 PLANNING, PREPARATION AND MOBILIZATION

When the access agreement for the Pond T069 is in-place, the remedial construction activities will be performed under the Bishop Well Loss of Containment (LOC) Remediation Project #40889 (Initial Form 27 Document #404189294) for Parcel T069 (Facility ID 490038). ENTACT will support on-going coordination with the U.S. Army Corps of Engineers under the Nationwide Permit program. ENTACT will perform a general permit review following the Notice to Proceed to evaluate the potential need for additional state permits, such as dewatering and/or stormwater. ENTACT will also plan to obtain the necessary Weld County local traffic control and right-of-way permits.

ENTACT will prepare a project schedule and major submittals, such as plans, surveys, and product data for stakeholder review. The project schedule will be regularly updated. Site surveying tasks will be performed by a subcontracted Professional Land Surveyor (PLS) licensed in the state of Colorado, as well as self-performed by ENTACT using site RTK-GPS equipment.

The field team dedicated to the pond remedial scope of work will consist of a Project Manager, a Field Project Manager, an Administrative Project Manager, a Field Engineer, a Health and Safety Officer, operators and technicians/laborers.

The following major equipment is planned to be mobilized at project start up or prior to the start of the applicable task. The equipment list and quantities are subject to change based on actual field conditions.

- One 85,000 – 105,000 lb. long-reach excavator for soil and sediment removal.
- One 85,000 lb. excavator for material processing and load out.
- One 170 hp dozer for grading.
- One 84-inch smooth drum roller with padfoot plates for compaction (as needed).
- One 4,000-gallon water truck for dust control.
- One track skid steer for site support.
- Two 4-inch pumps, sumps and hoses for water transfer.
- Five 21,000-gallon storage tanks for water.

3.0 TEMPORARY FACILITIES AND CONTROLS

Support facilities at the Bishop Well site, such as office trailers, etc., will be shared between the Pond T069 and Pad A07-01 operations. Traffic controls and signage will be established in accordance with the Site layout and traffic control plan. The proposed site layout for the main Bishop Well LOC and the T069 Pond sites are shown in Drawings 1 and 2 attached. The excavation limits within the pond and the loading areas, will be considered an exclusion zone due to the potential for contaminants and the heavy equipment operation. Decontamination activities will be performed within the pond excavation limits over impacted materials.

The existing access and perimeter roads will be utilized to support the project. Minor road improvements may be constructed for temporary use and will be removed at completion. In the event finger roads are needed, they will be constructed using crane mats off the perimeter road into the pond to gain access and reach the excavation extents. Finger roads will be constructed as excavation progresses and will be removed when no longer needed.

Given the features of the site, e.g., raised perimeter berm, wet/saturated sediment, etc., the environmental controls needed will be limited primarily to dust control on haul roads, managing water at the pond inlet and outlet structures, and housekeeping. A municipal or commercial water supply will be procured as the primary water source for dust control. ENTACT proposes evaluation and sampling of the northeast ditch flow from the County Road 51 culvert for potential use as an alternative dust control water source. If approved, the water will be pumped to a storage tank(s), where it can be sampled as needed prior to use.

4.0 SEDIMENT REMOVAL

Sediments within the saturated area of the pond will be removed using a combination of excavators to scrape the sediment surface to a depth between 6 and 12 inches below existing surface. In general, excavation will progress upgradient of the pivot intake towards the intake in the southwestern corner. A long-reach excavator with smooth edge bucket and approximately 50 ft of horizontal reach will be utilized to scrape the sediment towards the machine for stockpile/loadout. It will strategically sit outside of the excavation on the perimeter road or on crane mats to mitigate contact between machine tracks/chassis and impacted sediments. The sediments will be stacked and temporarily stockpiled adjacent to the perimeter road and/or within designated stockpile areas, as shown in Drawing 2. The stockpiles within the pond will be allowed to decant back into the impacted excavation area.

Material deemed suitable for transport will be loaded from the designated stockpile area(s) along the perimeter road into offsite disposal transport trucks. If saturated sediment requires conditioning to pass the paint filter (EPA SW846-9095) ahead of transport, a cementitious conditioning agent may be added at an estimated rate of up to 3% by weight, or as determined by a bench scale study. The conditioning agent may be supplied in supersacks or bulk.

Once the target removal depth is achieved, real-time field screening of sample headspace will be performed. Screening will serve as an initial indication as to if additional excavation is warranted or if the post-excavation confirmation sampling and analysis should proceed. Post-excavation confirmation sampling and analysis will be consistent with the approved Environmental Sampling Analysis Plan (ESAP) and Non-Residential Soil Sampling Locations Plan developed for the Bishop Well LOC Remediation Project #40889 (Initial Form 27 Document #404189294). Chemical testing will be performed at an off-site accredited laboratory.

5.0 WASTE MANAGEMENT

The petroleum-contaminated soil and sediment are planned to be disposed of off-site as non-hazardous waste or beneficial reuse. The intent is for the waste to be shipped off-site to the same facility(ies) as the Bishop Well Pad A07-01, which have been identified as North Weld and Buffalo Ridge Landfills operated by Waste Management.

Testing will be performed to exhibit compliance with the landfill acceptance criteria. Sampling and analysis for waste characterization will be consistent with the Bishop Well LOC impacted soils waste stream to satisfy the facility requirements on sampling frequency to support the additional waste volume under the existing facility profile. It is recommended that in-situ waste characterization be performed, if possible, in lieu of stockpiling and ex-situ sampling. The in-situ effort would occur before or during mobilization, in advance of excavation, so as to not inhibit site activities and the project schedule.

ENTACT will coordinate with the waste transporters and facilities to schedule an appropriate amount of dedicated transport trucks and to schedule slots with the facilities. As transport trucks enter the site, they will be directed to follow the designated haul route to the active load out area. The trucks will be loaded by an 85,000 lb. excavator (or equivalent) and inspected prior to exiting the site. A manifest or bill of lading (BOL) will accompany each truck load to the landfill, where the incoming loads will be weighed. Each waste load will be recorded in a waste tracking log that will identify the type of waste, date of shipment, final destination, truck identification number, manifest/(BOL) number, and the weight of each loaded truck.

6.0 WATER MANAGEMENT

Surface water management within the pond will be critical to the success of the project. It is estimated that between 1 and 2 million gallons of water may be stored in the pond at mobilization. In advance of site disturbance, the accumulated pond surface water will be sampled and analyzed at an off-site laboratory for constituents of concern. Pending the results and required approvals, the pond surface water will be discharged to an acceptable discharge point. Alternatively, if the water does not meet the required standards for discharge, water will be transported via tanker truck to off-site injection wells, approximately 1-2 miles away. Multiple storage tanks will be mobilized and staged to support operations and water management activities. They will temporarily store water while waiting for transfer to tankers.

Stormwater run-on will be mitigated by the perimeter berm. Inlets to the pond will be plugged. Water will be managed and transferred between sections to facilitate excavation and grading.

7.0 GRADING

Per the landowner's request, the Pond T069 excavation area will not be backfilled to the original grade. Instead, the excavation bottom will be graded to drain, sloping towards the pivot intake in the southwest corner. It is assumed that the pond water is attributed to surface water only, and there is no groundwater recharge. A grading plan will be developed to ensure the contours of the excavated area promote positive drainage. If there is a need to place fill to support the grading plan, approval will be garnered from the necessary stakeholders.

8.0 DEMOBILIZATION AND PROJECT CLOSEOUT

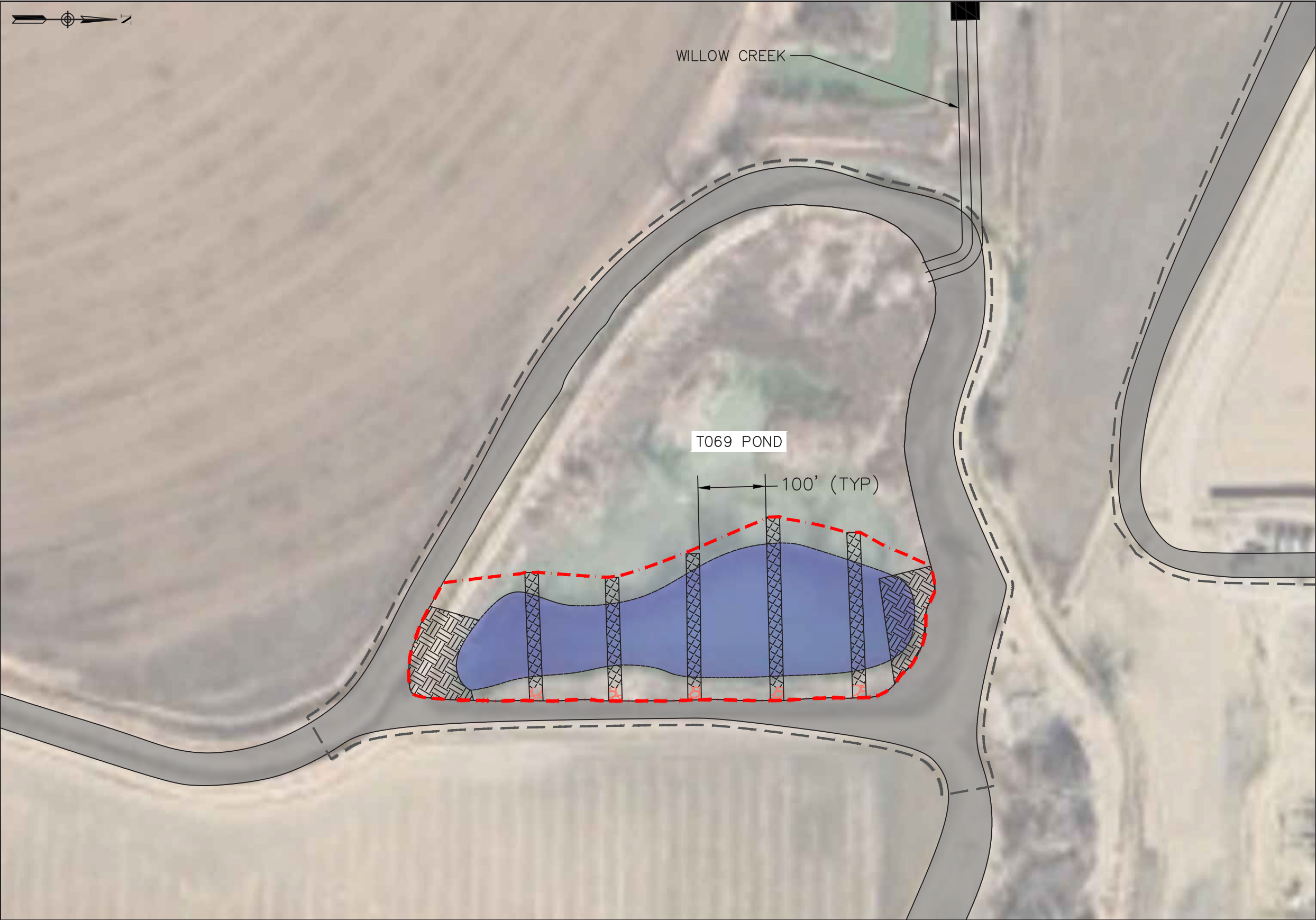
Upon substantial completion of remedial activities, a pre-final inspection will be conducted with stakeholders, and punch list items addressed in a timely manner. Equipment will be decontaminated, and temporary features will be removed from the site. Disturbed areas outside of the pond and roads will be stabilized with an appropriate permanent seed mix and mulch to restore ground cover. Project record documents and reports will be finalized and submitted in a timely manner.

ATTACHMENT 1

Drawing 1 - Pad Site Layout

ATTACHMENT 2

Drawing 2 - Pond Site Layout



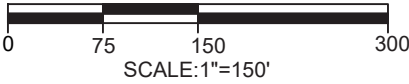
LEGEND

PROJECT LIMITS	
EXCLUSION ZONE	
APPROXIMATE EXCAVATION LIMITS	
ACCESS ROUTE	
APPROXIMATE SURFACE WATER BOUND	
APPROXIMATE STOCKPILE AREA	
FINGER ROADS	
EXCAVATION ACCESS RAMP	

NOTES

1. THE DATA DEPICTED HEREIN ARE BASED ON NORTH AMERICAN DATUM OF 1983 (NAD83) FOR HORIZONTAL AND GEOMETRIC CONTROL DATUM AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
2. IMAGERY CAPTURED = 2025 © Microsoft Corporation © 2025 Maxar CNES (2025) Distribution Airbus DS.
3. DIMENSIONS, ORIENTATION AND LOCATIONS OF FINGER ROADS ARE APPROXIMATE AND MAY CHANGE AS FIELD CONDITIONS DICTATE.

NOT FOR CONSTRUCTION



REV	DATE	BY	CHK'D	APR'VD	DESCRIPTION

Signature_____

PREPARED FOR:



DRAWING NAME					
POND SITE LAYOUT					
PROJECT NAME & LOCATION					
BISHOP WELL WELD COUNTY, CO					
DRAWN BY	S. MARIA	APPROVED BY	M.CINCIRIPINI	DRAWING NO.	G-102
DATE	07-14-25	DATE	07-14-25	PROJECT NO.	X0419