

TECHNICAL MEMORANDUM

To: Nevada Environmental Response Trust

Cc: Dana Grady and David Bohmann, Tetra Tech

From: Chris Hayes and Kyle Avery

Date: May 17, 2022

Subject: Work Plan for Soil Excavation and On-Site Reuse
Process Tank T-201 Truck Unloading Area

BACKGROUND

At the direction of the Nevada Environmental Response Trust (NERT or Trust), Tetra Tech, Inc. (Tetra Tech) is required to install a truck unloading area south of Process Tank T-201 as shown on **Figure 1**. The truck unloading area will be used for transferring water from vacuum trucks to Process Tank T-201. Based on the geotechnical evaluation, the existing soil under the proposed unloading area needs to be replaced with Type II material to provide a stable road base prior to paving. The soil to be excavated is not located within an Excavation Control Area (ECA) but is intended to be reused elsewhere on site. The estimated volume of soil to be excavated is less than 250 cubic yards.

This Site Management Plan (SMP) Work Plan is being prepared and submitted to the Nevada Division of Environmental Protection (NDEP) in accordance with Section 4, Risk Management for Soil, of the SMP, Revision 7 dated January 12, 2022. The planned unloading area footprint and nearest ECA boundaries are presented on **Figure 1**. This work will be conducted within 50 feet of a GWETS component; therefore, a Contingency Plan will also be submitted.

WORK PLAN FOR SOIL SCARIFICATION FOR ROAD PAVING

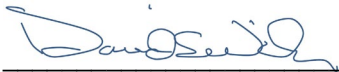
In preparation of unloading area construction, the top eight inches of existing soil under the unloading area will be excavated and placed in a low area near the southwest corner of the Process Area (see **Figure 1**). Per the SMP requirement for on-site reuse, one composite sample will be collected and analyzed for the constituents in Table 4 of the SMP. The composite sample will be collected from in-place soil prior to excavation and will consist of at least four subsamples representative of the soil to be excavated. If laboratory sample results are unavailable by the time excavation occurs, the excavated soil will be placed on plastic sheeting until laboratory sample results are received.

In accordance with the SMP, if impacted soil is discovered during the soil-disturbing activity in non-ECA areas, contingency actions will be implemented as described within Section 4.3 of the SMP, including development and approval of a work plan summarizing the planned activities and soil management procedures.

CERTIFICATION

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been prepared in a manner consistent with the current standards of the profession, and to the best of my knowledge, comply with all applicable federal, state, and local statutes, regulations, and ordinances. I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Description of Services Provided: Prepared Work Plan for Soil Excavation and On-Site Reuse Process Tank T-201 Truck Unloading Area



David S. Wilson, CEM
Principal Engineer
Tetra Tech, Inc.

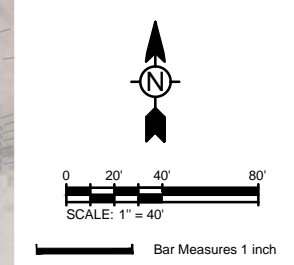
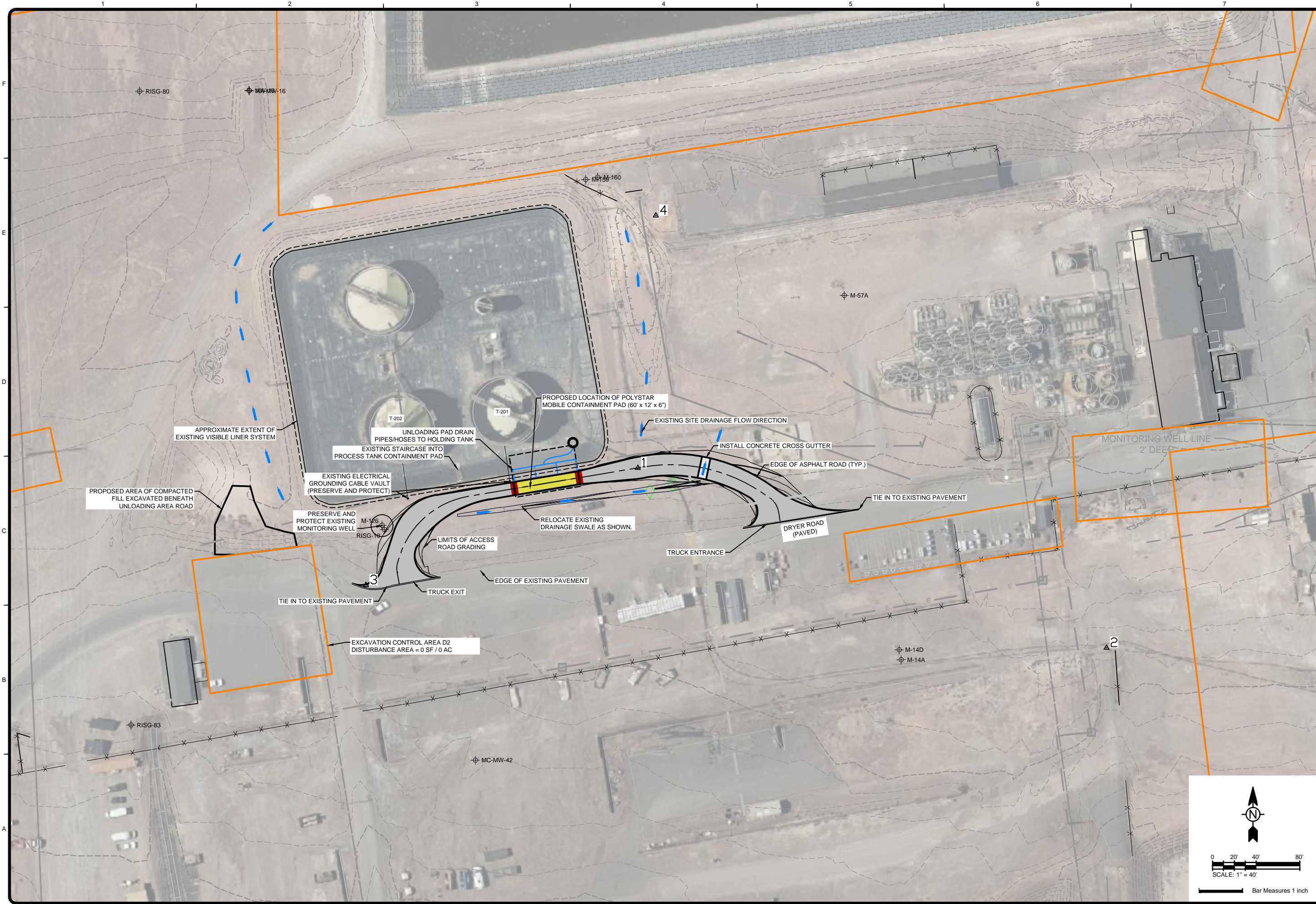
May 17, 2022

Date

Nevada CEM Certificate Number: 2385
Nevada CEM Expiration Date: September 19, 2022

Figures

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FOR REVIEW
NOT FOR CONSTRUCTION

MARK	DATE	DESCRIPTION	BY
A	4/5/22	ISSUED FOR REVIEW	KRA

NEVADA ENVIRONMENTAL RESPONSE TRUST
 HENDERSON, NEVADA
 UNLOADING AREA ACCESS ROAD
CONTINGENCY PLAN

Project No.: 117-7502022-08-2201
 Designed By: K. AVERY
 Drawn By: L. WEATHERL
 Checked By: C. HAYES

FIG 01