October 15, 2021

Mr. Grant Evenson  
Special Projects Branch  
Bureau of Corrective Actions  
Nevada Division of Environmental Protection  
375 E. Warm Springs Road, Suite 200  
Las Vegas, Nevada 89119

Dear Mr. Evenson:

Re: Titanium Metals Corporation, Henderson, Nevada Facility,  
Facility ID #H000537  
Quarterly Status Report for the Third Quarter of 2021 (Q3-21)

This quarterly status report is submitted on behalf of Titanium Metals Corporation (TIMET). These reports are submitted per Section XIII of the NDEP Settlement Agreement and Administrative Order on Consent TIMET Phase 3 (March 2, 2020). A list of TIMET submittals to NDEP and NDEP documents received by TIMET during Q3-21 is provided as Attachment 1.

Major TIMET project activities during Q3-21 include the following:

SITE-WIDE MANAGEMENT

TIMET continued to provide NDEP with quarterly TIMET project status reports. The Quarterly Status Report for the Second Quarter of 2021 was submitted July 15, 2021.

GROUNDWATER REMEDIATION

The groundwater remediation system has been operating continuously since startup on March 12, 2014.

The 2021 annual site-wide groundwater and extraction well sampling was completed in April 2021 and data validation was conducted during Q3-21. The DVSR for the 2021 annual event is scheduled for submittal in October 2021.

During Q3-21, a new air stripper was procured and delivered to the TIMET facility. The purpose of the new air stripper is to provide redundancy and allow the GWETS to operate at normal flow rates during times when one of the air strippers is shut down for maintenance. The new air stripper is planned to be tied into the GWETS and become operational during Q4-21.
During Q4-21, the GWETS experienced system-wide shut down events as follows:

- July, 2021- 8 hours on 7/28 for scheduled power outage to accommodate electrical maintenance at the TIMET Facility
- August, 2021- no downtime
- September, 2021
  - Periodic shutdowns totaling 24 hours during September 9 to September 15 for scheduled power outage to accommodate electrical maintenance at the TIMET Facility
  - 4 hours on September 29 for work in tying in the new air stripper

System uptime during the 92-day quarterly period was 2172 hours and system downtime was 36 hours (98.4% operational). The total volume of groundwater extracted during Q3-21 was 7,262,687 gallons representing an average groundwater extraction rate during the quarter of 54.8 gpm.

As discussed during a meeting held on August 25, 2021 between representatives of NDEP and TIMET, TIMET indicated it plans to install up to three new extraction wells on the east side of the extraction well line. Two new wells would be approximately co-located with, and replacements for, extraction wells 20 and 21. The third planned new extraction well would be located east of the existing extraction well line. TIMET plans to prepare and submit a work plan describing this effort during Q4-21.

TIMET continues to work cooperatively with the Nevada Environmental Response Trust (NERT) and NDEP to implement treatment to remove perchlorate and hexavalent chromium from groundwater extracted by the TIMET GWETS.

**SITE COVER SYSTEMS**

In accordance with the MPSS, annual inspections of the cover systems for the northern portions of the site including Management Areas 1A, 1B, 2, 3, 4, 5, 7, 8 and Area 13 are performed. In addition, an annual inspection is also performed for the Area 15 cap in accordance with the June 5, 2015 submittal titled “Closure and Post-Closure Care Plan for S-18 Landfill and Adjacent Areas”.

The annual cover inspections for 2021 are scheduled to occur during Q4-21.

**SITE INVESTIGATIONS**

NDEP comments on the Supplemental Investigation Report for Management Area 18 were provided by letter dated December 30, 2020. Additional field sampling at Area 18 was performed during Q1-21. The NDEP comments will be addressed in a revised deliverable.
planned for submittal during Q4-21.

**SCHEDULE OF UPCOMING PLANNED PROJECT ACTIVITIES**

An updated schedule for remaining investigation and remediation activities was submitted to NDEP (dated June 30, 2021). Deliverables planned for submittal during Q4-21 include:

- 2021 Groundwater Sampling DVSR
- Work Plan for Additional Extraction Well Installations
- Supplemental Investigation Report for Management Area 18

If you have any questions regarding this submittal, please contact the undersigned at (716) 204-7158 (email: kmcintosh@geiconsultants.com) or Mr. Richard Pfarrer of TIMET at (702) 566-4453 (email: Richard.Pfarrer@Timet.com).

**JURAT**

_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 provided 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._

For the services provided and attested to with this Jurat including compilation of information in this TIMET Quarterly Status Report for the Third Quarter of 2021.

GEI CONSULTANTS, INC., P.C.

Kelly R. McIntosh, Ph.D.
Senior Consultant
Nevada Certified Environmental Manager
EM No. 2199; Expires September 28, 2021
Date Signed: July 15, 2021
cc:  Richard Pfrarr, TIMET, hard copy & efile
     JD Dotchin, NDEP, Las Vegas, Nevada, efile
     Carlton Parker, NDEP, Las Vegas, Nevada, efile
     BMI Compliance Coordinator, NDEP, Las Vegas, Nevada, hard copy and efile
     Steve Armann – USEPA Region 9, efile
     Christopher Rollins – USEPA Region 9, efile
     Kirk Stowers- Broadbent, efile
     Jeff Gibson, AMPAC, efile
     Mark Paris – BMI, efile
     Lee Farris – BMI, efile
     Ranajit Sahu – BMI, efile
     Ed Modiano – OSSM GWTS, efile
     Joe Kelly – Montrose, efile
     Jay Steinberg – NERT, efile
     Allan DeLorme – NERT, efile
     John Pekala – NERT, efile
     Dave Share – Olin, efile
     Chuck Elmendorf – Stauffer, efile
     Peter Jacobson – Syngenta, efile
     Enoe Marcum, WAPA, efile
Attachment 1 – Q3-21 Document Submittals and Receipts

Documents submitted by TIMET to NDEP during the period 7/1/21 to 9/30/21


Documents received by TIMET from NDEP during the period 7/1/21 to 9/30/21

7/7/21 – NDEP Response to: TIMET Management Plan for Site Soils (MPSS) Rev.0, 2020 Annual Site Cover Conditions Report dated June 4, 2021 (the deliverable was approved).

8/17/21 – NDEP Response to: TIMET Schedule for remaining Work at the Site, dated June 30, 2021 (the deliverable was approved).

8/17/21 – NDEP Response to: TIMET Quarterly Status Report for the Second Quarter of 2021 dated July 15, 2021 (the deliverable was approved).