



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control



Gavin Newsom
Governor

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September 27, 2019

Certified Mail No.: 7018-0680-0000-9828-0023

Mr. Craig Clark
Quemetco Inc.
720 S. 7th Ave.
City of Industry, California 91746

NOTICE OF PROVISIONAL INSPECTION VIOLATION SCORES, 2019 FACILITY VIOLATION SCORING PROCEDURE SCORE, AND 2019 COMPLIANCE TIER ASSIGNMENT

Dear Mr. Craig Clark:

2019 Facility Violations Scoring Procedure (VSP) Score: 32.67
2019 Compliance Tier Assignment: Conditionally Acceptable

The purpose of this letter is to provide QUEMETCO INC, CAD066233966, located at 720 S 7th Ave., City of Industry, CA 91746 (hereinafter, the "Facility") with a provisional inspection violation score for each compliance inspection that was conducted during the preceding ten (10) year period beginning January 1, 2009, through December 31, 2018, the Facility's 2019 VSP Score, and compliance tier assignment pursuant to California Code of Regulations (CCR), title 22, section 66271.53, subdivision (b)(2) and section 66271.54, subdivisions (c).¹

The provisional inspection violation scores for the Facility are provided in the enclosed Inspection Violation Scoring Matrix. A provisional inspection violation score is the sum of the initial score for each Class I violation that occurred during a compliance inspection, and any adjustment to the initial Class I violation score based on repeat violations.² (See 22 CCR § 66271.53, subd. (a).) The basis for the score for each Class I violation is also provided in the enclosed Inspection Violation Scoring Matrix.

¹ Pursuant to Senate Bill (SB) 673 (Stats. 2015, chapter 611), the Department of Toxic Substances Control (DTSC) adopted new hazardous waste permitting criteria regulations, which became effective on January 1, 2019. The full text of the hazardous waste permitting criteria regulations is available at https://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/18-DTSC-SB-673-Reg-TEXT_OAL_20181023-revised.pdf. More information regarding SB 673 is available at https://www.dtsc.ca.gov/HazardousWaste/Permit_Roundtables.cfm.

² For purposes of calculating a facility's inspection violation score, DTSC may also consider Class II violations that meet the definition of a Class I violation as specified in CCR, title 22, section 66260.10. (See 22 CCR § 66271.50, subd. (d)(1).)

Based on the provisional inspection violation scores for the Facility for the ten (10) year period beginning January 1, 2009, through December 31, 2018, DTSC has calculated a Facility VSP Score for the Facility of “**32.67**”. A Facility VSP Score is the sum of all provisional or final inspection violation scores for each compliance inspection conducted during the preceding ten (10) years, divided by the number of compliance inspections. (See 22 CCR § 66271.54, subd. (a).)

A facility may be assigned to one of three compliance tiers based on its Facility VSP Score:

- “Acceptable.” A facility that receives a Facility VSP Score of less than 20 shall be designated as having a Facility VSP Score that is “acceptable”. (See 22 CCR § 66271.54, subd. (b)(1).)
- “Conditionally Acceptable.” A facility that receives a Facility VSP Score equal to or greater than 20 and less than 40 shall be designated as having a Facility VSP Score that is “conditionally acceptable.” Facilities that receive a final compliance tier assignment of “conditionally acceptable” are required to comply with additional requirements outlined in the regulations. (See 22 CCR § 66271.54, subd. (b)(2); 22 CCR § 66271.56.)
- “Unacceptable.” A facility that receives a Facility VSP Score equal to or greater than 40 shall be designated as having a Facility VSP Score that is “unacceptable.” DTSC is required to initiate permit denial, suspension, or revocation proceedings for facilities that receive a final compliance tier assignment of “unacceptable.” (See 22 CCR § 66271.54, subd. (b)(3); 22 CCR § 66271.57.)

As a result of the Facility’s VSP Score, DTSC has assigned the Facility to a compliance tier of “**Conditionally Acceptable**”. Generally, as discussed further below, a facility’s compliance tier assignment becomes final after all provisional inspection violation scores upon which the Facility VSP Score is based become final pursuant to CCR, title 22, section 66271.53, subdivision (d).

Provisional Inspection Violation Score Disputes and Compliance Tier Assignment Challenges

An owner or operator of a facility may dispute a provisional inspection score pursuant to CCR, title 22, section 66271.53, subdivision (c) by filing a Provisional Inspection Violation Score Dispute Document (template available at <https://dtsc.ca.gov/violations-scoring-procedure/>) within sixty (60) calendar days of this notice. All of the following information must be enclosed with the Dispute Document cover letter:

- A statement that describes in detail the factual and legal basis of the dispute and the relief sought;
- Any claimed erroneous facts, assumptions, approaches, or conclusions of law made by DTSC;

- A statement describing in detail any efforts already made by the owner or operator to resolve the dispute with DTSC; and
- Any photographs, documents, or any other material that supports the owner's or operator's position regarding the disputed provisional inspection violation score.

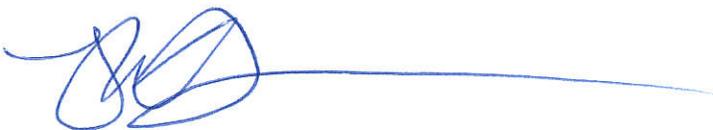
The owner or operator of a facility may request a one-time extension of up to sixty (60) calendar days to submit a Provisional Inspection Violation Score Dispute Extension Document (template available at <https://dtsc.ca.gov/violations-scoring-procedure/>).

DTSC will issue a written decision, granting or denying, in whole or in part, the relief sought by the owner or operator of a facility disputing a provisional inspection violation score. A provisional inspection violation score will become the final inspection violation score consistent with DTSC's written decision. A provisional inspection violation score will also become the final inspection violation score if the owner or operator of a facility does not file a Dispute Document within sixty (60) calendar days of this notice.

A facility's compliance tier assignment becomes final after all inspection violation scores upon which the Facility VSP Score is based become final pursuant to CCR, title 22, section 66271.53, subdivision (d). Final compliance tier assignments of "acceptable" or "conditionally acceptable" are not subject to additional administrative dispute resolution. (See 22 CCR § 66271.54, subds. (e), (f).) However, owners or operators of facilities assigned to a final compliance tier of "unacceptable" may further administratively challenge their final compliance tier assignment under California Code of Regulations, title 22, section 66271.57.

Issuance of this provisional inspection violation score, Facility 2019 VSP Score, and compliance tier assignment do not constitute an enforcement action. If you have any questions regarding this notice, please contact VSP_Info@dtsc.ca.gov. If you have any questions regarding the dispute process, please contact VSP_Dispute_Inbox@dtsc.ca.gov.

Sincerely,



Keith Kihara, Chief
Enforcement and Emergency Response Division

Enclosure(s)

Violation Scoring Matrix
Proof of Service

Violation Scoring Matrix

| Facility Name: QUEMETCO INC | | 10 Year Date Range: 2009 - 2018 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | | | | | |
|--|--|---------------------------------|--|---------------------------------------|--|-----------------------------------|--|------------------------------|--|---|--|---|--|-----------------------------------|--|
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: 12 | | Total Number of Violations Scored: 21 | | Initial Score | | Repeat (Yes/No) | | Date(s) of Previous Violation | | Adjustment Factor (%) | | Adjusted Score | |
| EPA ID: CAD066233966 | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Date: 3/27/2009 CEI & 6/8/2009 FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI & FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |
| Inspection Date: 1/28/2010 CEI & 2/24/2010 FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI & FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |
| Inspection Date: 5/19/2011 CEI & 5/20/2011 FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI & FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |
| Inspection Date: 6/14/2012 CEI & 10/11/2012 FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI & FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |
| Inspection Date: 6/27/2013 | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |
| Inspection Date: 6/27/2014 CEI & 6/10/2015 FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Inspection Type: CEI & FRR | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: 0 | | n/a | | n/a | | No Class I Violations | | n/a | | n/a | | n/a | | 0.00 | |
| | | | | | | | | | | | | Provisional Inspection Violation Score: | | 0.00 | |

Violation Scoring Matrix

| Facility Name: | | 10 Year Date Range: | | 2009 - 2018 | | Permit Issue Date: | | 9/15/2005 | | Link to EnviroStor | | | |
|--|-----------|--|-------------------------|--|--------------------|--|---------------------|--|---------------|----------------------------|-------------------------------|-----------------------|----------------|
| Address: | | Number of Inspections: | | 12 | | Permit Expiration Date: | | 9/15/2015 | | (Inspection Reports, SOVs, | | | |
| EPA ID: | | Total Number of Violations Scored: | | 21 | | Date VSP Completed: | | 5/7/2019 | | etc.) | | | |
| Inspection Date: | 4/28/2015 | Class I Justification | Citation | Violation | Potential for Harm | Potential for Harm Justification | Extent of Deviation | Extent of Deviation Justification | Initial Score | Repeat (Yes/No) | Date(s) of Previous Violation | Adjustment Factor (%) | Adjusted Score |
| Inspection Type: | CEI | | | | | | | | | | | | |
| Class I Violations: | 1 | The deviation from the requirements was significant enough that it could have resulted in a failure to prevent releases of HW or constituents to the environment during the active period of facility operation. | 22 CCR 66264.1101(b)(2) | The facility failed to minimize the accumulation of liquid on the primary barrier of the Containment Building (Batch House). DTSC inspectors observed liquid puddles at the West Aisle Way of the Batch House and liquids that overflowed out of the collection sump located at the east end of the Batch House. | Moderate | The building contains/stores HW that is acidic, as well as HW high in lead and arsenic. The operator stated that the puddles and overflow consisted of water used to cool down the slag (lead-contaminated solid) generated from the Reverb Furnace that flowed into the Main Sump. | Moderate | The facility had no leak detection system to alert if there was a breach in the primary barrier. The requirement functioned to some extent as the barrier was intact, although not all of its important provisions were complied with because there was no leak detection. | 15.00 | No | n/a | 0.00 | 15 |
| Class II Violations: | 2 | The deviation from the requirements was significant enough that it could have resulted in a failure to prevent releases of HW or constituents to the environment during the active period of facility operation. | 22 CCR 66264.175 | The facility failed to design and operate the secondary containment system of the Battery Storage Area (BSA) free of cracks or gaps, as several were observed throughout the foundation. | Moderate | Used industry batteries and auto batteries were observed and stored in this area (lead, arsenic, and battery acid). The operator stated that the BSA is a major source of possible contamination and that the facility washes the area down whenever there is a leak from the batteries or when an aisle of batteries in the BSA is emptied. The BSA was covered with asphalt. | Major | The DTSC inspector observed several lines of cracks throughout the foundation and that liquid had accumulated along the cracks. The function of the requirement was rendered ineffective because some of its provisions were not complied with. | 20.00 | No | n/a | 0.00 | 20 |
| Provisional Inspection Violation Score: | | | | | | | | | | | | 35.00 | |

Violation Scoring Matrix

| Facility Name: QUEMETCO INC | | 10 Year Date Range: 2009 - 2018 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | | | | | | | | | |
|--|---|--|--|--|----------|--|----------|---|-------|--|-----|-----------------------|----|----------------------------------|--|---------------------|--|-----------------------------------|--|
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: 12 | | Total Number of Violations Scored: 21 | | Initial Score | | Repeat (Yes/No) | | Date(s) of Previous Violation | | Adjustment Factor (%) | | Adjusted Score | | | | | |
| EPA ID: CAD066233966 | | Inspection Date: 6/23/2015 | | Inspection Type: GME | | Class I Justification | | Citation | | Violation | | Potential for Harm | | Potential for Harm Justification | | Extent of Deviation | | Extent of Deviation Justification | |
| Class I Violations: | 1 | The deviation from the requirements was significant enough that it could have resulted in a failure to prevent releases of HW or constituents to the environment during the post closure period of facility operation. | HSC 25202; 22 CCR 66264.310(a)(1), (b)(1), and (b)(4); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to prevent the downward entry of water into the closed landfill (Former Raw Materials Storage Area), maintain the integrity and effectiveness of the final cover, and prevent run-on and run-off from eroding or otherwise damaging the final cover. | Moderate | A saw cut through the landfill cover, observed to run the entire length of the post closure cover, compromised the prevention and downward entry of water into the closed landfill and enhanced infiltration and erosion potential. Runoff water from the cooling tower was observed continuously flowing over and pooling on the saw cut. Contaminants (Lead, Arsenic, Manganese, Cadmium) in the material underneath could have migrated into the environment both through and from beneath the landfill cover as a result of the observed breaches and presented a moderate potential for harm to human health and the environment. | Moderate | A saw cut was observed to run the entire length of the post-closure cover. The specific cut diameter was not provided. The post-closed landfill cover requirement functioned to some extent. | 15.00 | No | n/a | 0.00 | 15 | | | | | | |
| | 2 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the post closure period of facility operation. | HSC 25202; 22 CCR 66264.91(a)(1); 22 CCR 66264.97(a), (b)(1)(A), (b)(1)(B)(1), (b)(1)(B)(2), (e)(12)(A)(1), and (e)(12)(B); 22 CCR 66264.98(b), (c), (j)(1), (k)(4)(A), (k)(5), (k)(6), and (m); Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to implement a groundwater detection monitoring program for the Former Raw Materials Storage Area. | Moderate | Inadequate groundwater monitoring could result in underestimating or overestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration into the environment could have gone undetected and presented a moderate potential for harm to human health and the environment. | Major | The facility had insufficient: (1) background monitoring points, (2) monitoring points from the top aquifer representing groundwater quality passing the POC, (3) monitoring points from the top aquifer, (4) sampling methods for each COC and monitoring parameter, (5) quarterly statistical analyses, (6) samples establishing background values, (7) and DTSC notifications of significant evidence of a release. The act deviated from the requirement to such an extent that the function of the requirement was rendered ineffective. | 20.00 | No | n/a | | 20 | | | | | | |

Violation Scoring Matrix

| Facility Name: QUEMETCO INC | | 10 Year Date Range: 2009 - 2018 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (Inspection Reports, SDS's, etc.) | | |
|--|--|--|---|---------------------------------------|--|-----------------------------------|---|------------------------------|----|--|------|----|
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: 12 | | Total Number of Violations Scored: 21 | | | | | | | | |
| EPA ID: CAD066233966 | | | | | | | | | | | | |
| 3 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the post closure period of facility operation. | HSC 25202; 22 CCR 66264.91(a)(1); 22 CCR 66264.97(a), (b)(1)(A), (b)(1)(B)(1), (b)(1)(B)(2), (b)(1)(B)(3), (e)(12)(A)(1), and (e)(12)(B); 22 CCR 66264.98(b), (c), (j)(1), (k)(4)(A), (k)(5), (k)(6), and (m); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to implement a Groundwater Detection Monitoring Program for the Closed Surface Impoundment. | Moderate | Inadequate groundwater monitoring could result in underestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration into the environment could have gone undetected and presented a moderate potential for harm to human health and the environment. | Major | The facility had insufficient: (1) background monitoring points, (2) monitoring points from the top aquifer representing groundwater quality passing the POC, (3) monitoring points from the top aquifer, (4) sampling methods for each COC and monitoring parameter, (5) quarterly statistical analyses, (6) samples establishing background values, (7) and DTSC notifications of significant evidence of a release. The act deviated from the requirement to such an extent that the function of the requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |
| 4 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.97(b)(8), and (e)(15); Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to implement a Groundwater Detection Monitoring Program (non-unit specific). | Moderate | Inadequate groundwater monitoring could result in underestimating or overestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration could have gone undetected and presented a moderate potential for harm to human health and the environment. | Moderate | The facility failed to destroy at least 5 wells that were improperly constructed to collect representative water quality samples, and determine groundwater flow rate and direction at least once annually. The facility implemented some elements of its Groundwater Detection Monitoring Program, but not all of its important provisions were complied with. | 15.00 | No | n/a | 0.00 | 15 |
| 5 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202, 22 CCR 66264.91(a)(2), 22 CCR 66264.97(a), (b)(1)(C)(1), (b)(1)(C)(2), and (e)(12)(A)(2); 22 CCR 66264.99(a), (b), (c), (d), (e)(1), (e)(3), (e)(4), (e)(6), (h), and (i); Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to implement a Groundwater Evaluation Monitoring Program for the Former Raw Materials Storage Area. | Moderate | Inadequate groundwater monitoring could result in underestimating or overestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration could have gone undetected and presented a moderate potential for harm to human health and the environment. | Major | The facility had insufficient: (1) background monitoring points, (2) monitoring points from the top aquifer representing groundwater quality passing the POC, (3) monitoring points from the top aquifer, (4) sampling methods for each COC and monitoring parameter, (5) quarterly statistical analyses, (6) samples establishing background values, (7) and DTSC notifications of significant evidence of a release. The act deviated from the requirement to such an extent that the function of the requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |

Violation Scoring Matrix

| Facility Name: QUEMETCO INC | | 10 Year Date Range: 2009 - 2018 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (inspection Reports, SOVs, etc.) | | |
|--|--|---|--|------------------------------|---|-----------------------------------|--|------------------------------|----|---|------|----|
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: 12 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (inspection Reports, SOVs, etc.) | | |
| EPA ID: CAD066233966 | | Total Number of Violations Scored: 21 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (inspection Reports, SOVs, etc.) | | |
| 6 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.91(a)(2); 22 CCR 66264.97(a), (b)(1)(C)(1), (b)(1)(C)(2), and (e)(12)(A)(2); 22 CCR 66264.99(a), (b), (c), (d), (e)(1), (e)(3), (e)(4), (e)(6), (h), and (i); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | Failure to implement a Groundwater Evaluation Monitoring Program for the Closed Surface Impoundment. | Moderate | Inadequate groundwater monitoring could result in underestimating or overestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration could have gone undetected. | Major | The facility had an insufficient number of (1) background monitoring points, (2) monitoring points from the top aquifer, (3) sampling methods for each COC and monitoring parameter, (4) collection and analyses to assess the nature and extent of the release, (5) groundwater monitoring to evaluate changes in water quality resulting from the release. The act deviated from the requirement to such an extent that the function of the requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |
| 7 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.91(a)(1); 22 CCR 66264.97(a)(1), (c)(1), (c)(2)(A), (c)(2)(B), (e)(4), and (e)(5); 22 CCR 66264.98 (b), (c), and (f); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to establish a Surface Water Monitoring Program. | Moderate | The facility did not establish a Surface Water Monitoring System to monitor each surface water body that could be affected by a release from the regulated units. This could have potentially resulted in contaminant (Lead, Arsenic, Manganese, Cadmium) migration going undetected. | Major | The facility was required to submit and implement a Surface Water Quality Monitoring System Sampling and Analysis Plan, and establish a background value for each monitoring parameter and COC. The facility submitted two inadequate Surface Water Monitoring and Response Plans (11/28/2006 and 11/19/2010). Because the plan was inadequate, the act deviated from the requirement to such an extent that the function of the HW management requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |
| 8 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.91(a)(1); 22 CCR 66264.97(d)(1), (d)(2)(A), (d)(2)(B), (d)(6), (e)(4), and (e)(5); 22 CCR 66264.98 (b), (c), and (f); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to establish an Unsaturated Zone Monitoring Program. | Moderate | The facility did not establish an Unsaturated Zone Monitoring System to ensure that a release from the regulated units would be identified. This could have potentially resulted in contaminant (Lead, Arsenic, Manganese, Cadmium) migration going undetected and presented a moderate potential for harm to human health and the environment. | Major | The facility was required to design and install an unsaturated Zone Monitoring System. The facility submitted two inadequate Soil Pore Monitoring Work Plans (9/6/2006 and 6/30/2010) and two inadequate Soil Pore Gas Monitoring and Response Plans (1/17/2007, 2/3/2010). Because the plan was inadequate, the act deviated from the requirement to such an extent that the function of the HW management requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |

Violation Scoring Matrix

| Facility Name: | | 10 Year Date Range: | | 2009 - 2018 | | Permit Issue Date: | | 9/15/2005 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | | |
|----------------|--|---|---|-------------|--|-------------------------|---|-----------|----|---|------|----|
| Address: | | Number of Inspections: | | 12 | | Permit Expiration Date: | | 9/15/2015 | | | | |
| EPA ID: | | Total Number of Violations Scored: | | 21 | | Date VSP Completed: | | 5/7/2019 | | | | |
| 9 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.98 (l); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to notify DTSC of the inadequacy of the Groundwater Detection Monitoring Program and apply for a permit modification. | Moderate | The facility did not notify DTSC within seven days and failed to submit an application within 90 days for a permit modification to make appropriate changes to the program. Some wells were dry since 2007 and were rendered useless in evaluating potential releases of lead and arsenic from the regulated unit and presented a moderate potential for harm to human health and the environment. | Major | The regulated units were not adequately monitored to detect a release as each unit had only one point of compliance well and neither unit had a minimum of one background well. The act deviated from the requirement to such an extent that the function of the HW management requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |
| 10 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.99(h); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | Failure to notify DTSC of the inadequacy of the Groundwater Evaluation Monitoring Program. | Moderate | The facility did not submit an application for a permit modification to make appropriate changes to the Evaluation Monitoring Program. The regulated units were not adequately monitored to evaluate any potential release(s) of lead and arsenic and presented a moderate potential for harm to human health and the environment. | Major | The facility's Evaluation Monitoring System Wells went dry between 2000-2015 and were therefore unable to detect releases from the regulated units. The regulated units were not adequately monitored to evaluate potential release(s). The act deviated from the requirement to such an extent that the function of the HW management requirement was rendered ineffective. | 20.00 | No | n/a | 0.00 | 20 |
| 11 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.97(b)(6); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to maintain its monitoring well boreholes. | Moderate | The facility failed to design groundwater monitoring wells to prevent the borehole from potentially acting as a pathway for contaminant migration into the saturated zone and presented a moderate potential for harm to human health and the environment. | Moderate | The monitoring wells were not constructed in accordance with California Well Standards according to submitted boring logs. In 4 of the 23 (17%) groundwater monitoring wells, the sanitary seal for each well (MW-1 through MW-4) was not present as required by California Well Standards. The requirement functioned to some extent, although not all of its important provisions were complied with. | 15.00 | No | n/a | 0.00 | 15 |
| 12 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.97(b)(7); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to adequately maintain groundwater monitoring wells to enable collection of representative samples. | Minimal | One groundwater monitoring well was not properly maintained and therefore incapable of producing representative groundwater samples because it was allowed to fill with sediment. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration could have gone undetected and presented a moderate potential for harm to human health and the environment. | Minimal | One out of 23 groundwater monitoring wells (MW-2) was allowed to fill with sediment and was not capable of producing representative groundwater samples. The requirement functioned nearly as intended, but not as well as if all provisions had been met. | 2.00 | No | n/a | 0.00 | 2 |

Violation Scoring Matrix

| Facility Name: | | QUEMETCO INC | | 10 Year Date Range: | | 2009 - 2018 | | Permit Issue Date: | | 9/15/2005 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | |
|--|--|---|--|------------------------------------|--|-------------|--|-------------------------|----|-----------|------|---|--|
| Address: | | 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: | | 12 | | Permit Expiration Date: | | 9/15/2015 | | | |
| EPA ID: | | CAD066233966 | | Total Number of Violations Scored: | | 21 | | Date VSP Completed: | | 5/7/2019 | | | |
| 13 | The deviation from the requirements was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment during the active period of facility operation. | HSC 25202; 22 CCR 66264.97(e)(6), (e)(7), (e)(9)(A), and (e)(10); 22 CCR 66264.98(g) and (i); and Hazardous Waste Facility Operation and Post-Closure Permit dated 9/15/2005. | The facility failed to collect the data necessary to conduct appropriate statistical analyses for surface water and unsaturated zone monitoring. | Moderate | Unreliable groundwater monitoring results could have resulted in underestimating or overestimating risk to public health and the environment from potential releases to groundwater. Contaminant (Lead, Arsenic, Manganese, Cadmium) migration could have gone undetected and presented a moderate potential for harm to human health and the environment. | Moderate | The facility failed to (1) collect all data necessary for establishing background values in the unsaturated zone and surface water, (2) propose a regulatory required statistical method for each COC and monitoring parameter, (3) propose and justify the use of a procedure to determine background values, and (4) monitor all COCs. The requirement functioned to some extent, although not all of its important provisions were complied with. | 15.00 | No | n/a | 0.00 | 15 | |
| Provisional Inspection Violation Score: | | | | | | | | | | | | 222.00 | |

Violation Scoring Matrix

| Facility Name: | | 10 Year Date Range: | | 2009 - 2018 | | Permit Issue Date: | | 9/15/2005 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | | | |
|--|--------------------------------|--|---|---|--------------------|---|---------------------|---|-----------------|---|-------------------------------|-----------------------|----------------|
| Address: | | Number of Inspections: | | 12 | | Permit Expiration Date: | | 9/15/2015 | | | | | |
| EPA ID: | | Total Number of Violations Scored: | | 21 | | Date VSP Completed: | | 5/7/2019 | | | | | |
| Inspection Date: | 5/26/2016 CEI & 11/17/2016 FRR | Class I Justification | Citation | Violation | Potential for Harm | Potential for Harm Justification | Extent of Deviation | Initial Score | Repeat (Yes/No) | Date(s) of Previous Violation | Adjustment Factor (%) | Adjusted Score | |
| Inspection Type: | CEI & FRR | | | | | | | | | | | | |
| Class I Violations: | 1 | The deviation from the requirement was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment. | 22 CCR 66264.1101(b)(3) | The facility was not in compliance with the regulatory requirement that a containment building used to manage HW-containing free liquids or HW treated with free liquids include a secondary containment system with a functioning leak detection and liquid detection system capable of detecting failure of the primary barrier and collecting accumulated HW and liquids at the earliest practicable time. | Moderate | The facility failed to repair a condition that could lead to a HW release. Approximately 3 inches of liquids were observed in the viewing pipe on 6/9/2016 and about 1.5 inches of liquid on 7/21/2016 with a pH of 12. The liner drain monitoring well is part of the leak detection system for the Containment Building. The drain did not collect liquids from the lowest point in the secondary containment. Releases of these waste streams could result in a moderate potential for harm to human health and the environment. | Moderate | | 15.00 | No | n/a | 0.00 | 15 |
| | 2 | The deviation from the requirements was significant enough that it could result in a failure to prevent releases of HW or constituents to the environment. | 22 CCR 66264.31 and 22 CCR 66264.1101(c)(3) | The facility was not in compliance with the regulatory requirement that a Containment Building be maintained and operated to minimize the possibility of any releases of HW or HW constituents to air, soil, or surface water that could threaten human health or the environment. The facility also failed to repair a condition that led to or caused a release of HW. | Minimal | The facility's failure to maintain and operate the Containment Building may have resulted in a release of HW or HW constituents into the environment. The waste cited in violation was airborne lead dust in small amounts that may have accumulated over time and migrated through an elevated opening in the wall and between the gaps under the doors. The waste characteristics and small volume in violation represented a minimal potential for harm to human health and the environment. | Major | | 15.00 | No | n/a | 0.00 | 15 |
| Provisional Inspection Violation Score: | | | | | | | | | | | | 30.00 | |
| Inspection Date: | 6/26/2017 CEI & 9/15/2017 FRR | Class I Justification | Citation | Violation | Potential for Harm | Potential for Harm Justification | Extent of Deviation | Extent of Deviation Justification | Initial Score | Repeat (Yes/No) | Date(s) of Previous Violation | Adjustment Factor (%) | Adjusted Score |
| Inspection Type: | CEI & FRR | | | | | | | | | | | | |
| Class I Violations: | 1 | The deviation from the requirement was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment. | 22 CCR 66264.1101(b)(3) | The facility failed to promptly repair a condition that could result in a release of HW, as liquid was observed in the facility's Containment Building monitoring well. | Moderate | The liner drain monitoring well is part of the leak detection system for the Containment Building. According to the inspection report, "Approximately 3 inches of liquid were observed in the viewing pipe." The building contains/stores HW that is acidic and high in lead and arsenic. Releases of these waste streams could have resulted in a moderate potential for harm to human health and the environment. | Major | Liquid was observed in the Containment Building monitoring well which was being used by the facility as a leak detection system to detect failure of the primary barrier. The facility had not begun repairs to prevent a release to the environment. The function of the HW management requirement was rendered ineffective because some of its provisions were not complied with. | 20.00 | Yes | 5/26/2016 | 25.00 | 25 |
| Provisional Inspection Violation Score: | | | | | | | | | | | | 25.00 | |
| Inspection Date: | 11/14/2017 | Class I Justification | Citation | Violation | Potential for Harm | Potential for Harm Justification | Extent of Deviation | Extent of Deviation Justification | Initial Score | Repeat (Yes/No) | Date(s) of Previous Violation | Adjustment Factor (%) | Adjusted Score |
| Inspection Type: | CEI | | | | | | | | | | | | |
| Class I Violations: | 0 | n/a | n/a | No Class I Violations | n/a | n/a | n/a | n/a | 0.00 | n/a | n/a | n/a | 0 |
| Provisional Inspection Violation Score: | | | | | | | | | | | | 0.00 | |

Violation Scoring Matrix

| Facility Name: QUEMETCO INC | | 10 Year Date Range: 2009 - 2018 | | Permit Issue Date: 9/15/2005 | | Permit Expiration Date: 9/15/2015 | | Date VSP Completed: 5/7/2019 | | Link to EnviroStor (Inspection Reports, SOVs, etc.) | | | | | |
|--|-------------------------------|---|----------------------------|---|--------------------|---|---------------------|--|---------------|---|-------------------------------|-----------------------|----------------|----------------|--|
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | | Number of Inspections: 12 | | Total Number of Violations Scored: 21 | | Initial Score | | Repeat (Yes/No) | | Date(s) of Previous Violation | | Adjustment Factor (%) | | Adjusted Score | |
| Inspection Date: | 6/28/2018 CEI & 7/17/2018 FRR | Class I Justification | Citation | Violation | Potential for Harm | Potential for Harm Justification | Extent of Deviation | Extent of Deviation Justification | Initial Score | Repeat (Yes/No) | Date(s) of Previous Violation | Adjustment Factor (%) | Adjusted Score | | |
| Inspection Type: | CEI & FRR | | | | | | | | | | | | | | |
| Class I Violations: | 1 | The deviation from the requirement was significant enough that it could have resulted in a failure to assure early detection of releases of HW or constituents to the environment. | 22 CCR 66264.1101(b)(3) | The facility failed to have a secondary containment system, including a secondary barrier designed and constructed to prevent migration of hazardous constituents into the barrier, a leak detection system that is capable of detecting failure of the primary barrier and collecting accumulated HWs and liquids at the earliest practical time. The facility's Batch House secondary containment and leak detection system was not functioning. The system included a secondary barrier designed and constructed to prevent migration of hazardous constituents into the barrier, and a leak detection system that was capable of detecting failure of the primary barrier. Liquid was observed within the Containment Building/Batch House Monitoring Pipe which was used by the facility as a leak detection system. The continual presence of liquid in the leak detection monitoring pipe rendered the system incapable of detecting a failure of the primary barrier. | Moderate | The waste stream is the same waste stream as previously identified in 2016 and 2017 (liquid with a high pH, previously detected at 12). The building also contains/stores HW that is acidic and high in lead and arsenic. Releases of these waste streams could result in a moderate potential for harm to human health and the environment. | Major | Liquid was observed within the containment building monitoring well which was used by the facility as a leak detection system to detect failure of the primary barrier. The Batch House secondary Containment and Leak Detection System was not functioning. Therefore, the function of the requirement was rendered ineffective. | 20.00 | Yes | 5/26/2016, 6/26/2017 | 50.00 | 30 | | |
| | 2 | The deviation from the requirement was significant enough that it could have resulted in a failure to prevent releases of HW or constituents to the environment during the post closure period of facility operation. | 22 CCR 66264.1101(c)(1)(A) | The facility failed to maintain the primary barrier of the Containment Building to be free of significant cracks, gaps, corrosion, or other deterioration that could cause HW to be released from the primary barrier. A hole, cut into the primary barrier by the facility was observed in the floor of the Containment Building/Batch House. The hole penetrated the primary and secondary concrete layers and exposed the sand layer. | Major | A hole cut in the floor of an active HW facility potentially facilitated the downward entry of HW into the environment and enhanced infiltration and erosion potential. Failure of the primary and secondary barriers potentially released corrosive liquids containing lead and arsenic to the soil or groundwater. | Major | A gap approximately six feet by seven feet square, deliberately cut into the primary barrier by the facility, was observed in the Containment Building/Batch House floor. The gap penetrated the primary and secondary concrete layers and exposed the underlying sand layer. The function of the requirement was rendered ineffective. | 25.00 | No | n/a | 0.00 | 25 | | |
| | 3 | The deviation from the requirement was significant enough that it could have resulted in a failure to prevent releases of HW or constituents to the environment during the post closure period of facility operation. | 22 CCR 66270.30(I) | The facility failed to notify DTSC as soon as possible and at least 30 days in advance of a planned physical alteration or addition to the permitted facility. The facility had cut an approximately six feet by seven feet square into the primary barrier in the Containment Building/Batch House floor, without first notifying DTSC of this alteration. | Major | A hole cut in the floor of an active HW facility facilitated the downward entry of HW into the environment and enhanced infiltration and erosion potential. The gap penetrated the primary and secondary barriers and the sand layer was exposed. Failure of the primary and secondary barriers could have potentially released corrosive liquids containing lead and arsenic to the soil or groundwater. | Major | A gap, deliberately cut into the primary and secondary barriers by the facility, was observed in the floor of the Containment Building without notifying DTSC at least 30 days in advance. The physical alteration to the facility without notification to DTSC deviated from the HW management requirement to such an extent that the requirement was completely ignored. | 25.00 | No | n/a | 0.00 | 25 | | |
| Provisional Inspection Violation Score: | | | | | | | | | | | | | 80.00 | | |

Violation Scoring Matrix

| | | | |
|--|---------------------------------------|-----------------------------------|---|
| Facility Name: QUEMETCO INC | 10 Year Date Range: 2009 - 2018 | Permit Issue Date: 9/15/2005 | Link to EnviroStor (Inspection Reports, SOVs, etc.) |
| Address: 720 S 7TH AVE, CITY OF INDUSTRY, CA 91746 | Number of Inspections: 12 | Permit Expiration Date: 9/15/2015 | |
| EPA ID: CAD066233966 | Total Number of Violations Scored: 21 | Date VSP Completed: 5/7/2019 | |

| FACILITY VIOLATIONS SCORING PROCEDURE SCORE | | | | |
|--|-----------------------------|--------------------|--------------------------------|--|
| Number of Inspections | Number of Violations Scored | Inspection Type(s) | Inspection Date(s) | Provisional Inspection Violation Score |
| 1 | 0 | CEI & FRR | 3/27/2009 CEI & 6/8/2009 FRR | 0.00 |
| 2 | 0 | CEI & FRR | 1/28/2010 CEI & 2/24/2010 FRR | 0.00 |
| 3 | 0 | CEI & FRR | 5/19/2011 CEI & 5/20/2011 FRR | 0.00 |
| 4 | 0 | CEI & FRR | 6/14/2012 CEI & 10/11/2012 FRR | 0.00 |
| 5 | 0 | CEI | 6/27/2013 | 0.00 |
| 6 | 0 | CEI & FRR | 6/27/2014 CEI & 6/10/2015 FRR | 0.00 |
| 7 | 2 | CEI | 4/28/2015 | 35.00 |
| 8 | 13 | GME | 6/23/2015 | 222.00 |
| 9 | 2 | CEI & FRR | 5/26/2016 CEI & 11/17/2016 FRR | 30.00 |
| 10 | 1 | CEI & FRR | 6/26/2017 CEI & 9/15/2017 FRR | 25.00 |
| 11 | 0 | CEI | 11/14/2017 | 0.00 |
| 12 | 3 | CEI & FRR | 6/28/2018 CEI & 7/17/2018 FRR | 80.00 |
| Sum of Provisional Inspection Violation Scores | | | | 392.00 |
| *FACILITY VSP SCORE | | | | 32.67 |

*FACILITY VSP SCORE = Sum of Provisional Inspection Violation Scores/Total Number of Inspections conducted in 10 year (calendar) timeframe

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| <p>BSA = Battery Storage Area CCR = California Code of Regulations CDI = Case Development Inspection CEI = Compliance Evaluation Inspection CI = Complaint Investigation COC = Constituent of Concern DTSC = Department of Toxic Substances Control EPA ID = Environmental Protection Agency Identification FCI = Focused Compliance Inspection FRR = Financial Records Review FSD = Facility Self Disclosure FUI = Follow-Up Inspection</p> | <p>GAR = Groundwater Audit Report GME = Groundwater Monitoring Evaluation HSC = Health and Safety Code HW = Hazardous Waste HWFP = Hazardous Waste Facility Permit LOC = Letter of Credit n/a = Not Applicable NFRR = Non-Financial Record Review RCRA = Resource Conservation and Recovery Act POC = Point of Compliance SOV = Summary of Violations VSP = Violations Scoring Procedure</p> |
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PROOF OF SERVICE

1. I served the NOTICE OF PROVISIONAL INSPECTION VIOLATION SCORES, 2019 FACILITY VIOLATION SCORING PROCEDURE SCORE, AND 2019 COMPLIANCE TIER ASSIGNMENT on Craig Clark, Quemetco Inc., EPA ID Number CAD066233966.
2. I served Craig Clark, Quemetco Inc., by mailing a copy of the aforementioned document via Certified Mail, Receipt No. 7018-0680-0000-9828-0023, return receipt requested, in a sealed envelope addressed to:

Mr. Craig Clark
Quemetco Inc.
720 S. 7th Ave.
City of Industry, California 91746

3. My name, business address, and telephone number are:

Alan Korematsu
Department of Toxic Substances Control
HWMP, 11th Floor
1001 I Street
Sacramento, California 95812-0806
(916) 323-3706

I declare under penalty of perjury that the foregoing is true and correct and that this declaration of Proof of Service is executed on October 4, 2019 at Sacramento, California.



(Signature)