February 15, 2024

Mr. Keith Macias
Ventura County Air Pollution Control District
4567 Telephone Road, 2nd Floor
Ventura, CA 93003

RE: Annual Compliance Report - Platform Gail, Part 70 Permit No. 1494

Dear Mr. Macias:

Pursuant to the Part 70 Permit No. 1494 requirement for annual compliance reporting, please find the following information for the twelve-month period of January 2023 through December 2023:

- Completed Permit Attachment Forms for each applicable requirement or Part 70 permit condition.

- Completed Source Test Summary Forms for emission units that require compliance with quantifiable emission rates (Stationary Gas Turbines G-01 and G-03. G-02 did not operate in 2023 and has been permanently removed from service).

- Additional supporting information to demonstrate compliance with specific permit conditions.

If you have any questions or comments regarding this Annual Compliance Report or need additional information, please call me at (805) 395-9676.

Sincerely,

Tricia Winterbauer
EHSR Specialist

Attach.

Cc: Ms. Roshni Brahmbhatt, EPA Region 9

Ventura County
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SIGNATURE COVER FORM

TV Permit # 1494

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Ms. Roshni Brahmbhatt
Enforcement & Compliance Enforcement Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:	Date: 02/07/2024
Title: Chief Compliance Officer	

Time Period Covered by Compliance Certification

01 / 01 / 23 (MM/DD/YY) to 12 / 31 / 24 (MM/DD/YY)

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Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 71.1N1 B. Description: Tanks that are equipped with vapor recovery.	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Fugitive I&M Program under Rule 74.10 for the tank hatches and other inlet and outlet gas and liquid piping connections; storage tank vapor recovery system for each applicable tank is monitored on a quarterly basis which includes inspection of the gas compressor, hatches, relief valves, pressure regulators, and flare; dated records of the quarterly inspections and tank maintenance activities are maintained at the facility; verbal notice of maintenance activities; Annual compliance certification verifying tanks are equipped with vapor recovery	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 71.1N6 B. Description: Portable tank requirements - tanks must be equipped with both a closed cover that is impermeable to ROC vapors and a pressure-vacuum valve set by the mfr or according to the mfr.'s recommendations.	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Fugitive I&M Program for the tank hatches and other inlet and outlet gas and liquid piping connections; annual compliance certification including verification of the integrity of the roof and pressure-vacuum relief valve.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 71.5N1 B. Description: Glycol dehydrators – closed pipe control system to fuel gas or sales gas system. Requirement to control the ROC emissions from the regenerator vent by a condenser/vapor disposal system that collects and condenses ROC emissions and directs all uncondensed ROC emissions to a vapor recovery/disposal system.	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Fugitive I&M Program under Rule 74.10 for the inlet and outlet gas and liquid piping connections; records maintained on site which include facility name, APCD permit no., location and size of glycol reboiler, amount of gas dehydrated, and type of glycol used, description of any installed ROC control system, flow diagram of the dehydrator and any ROC controls, and maintenance records of the ROC control system; Annual compliance certification including a visual inspection assuring that the glycol dehydrator emission control system is a closed system, that the tank storing the condensed hydrocarbon liquid is a closed tank, and that the glycol unit is leak-free.	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 74.9N8	D. Frequency of monitoring: Periodic
B. Description: Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records containing data for each engine verifying the manufacturer's specified maximum hourly fuel consumption, data specifying the actual annul usage (e.g., fuel consumption or operating hours), and data for each engine including the engine manufacturer, model no., operator identification no., and location of each engine. A report of the engine's hours of operation is submitted to the District every 6 months. **A report of the engine's fuel usage is attached.**	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.9N9	D. Frequency of monitoring: Periodic
B. Description: Stationary diesel-fired internal combustion engines used to power cranes and welding equipment	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records containing data for each engine including the function (usage) of the engine, manufacturer, model number, operator identification number, and location of each engine. Routine surveillance of the diesel-fired engine to ensure that compliance is being maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.9N7	D. Frequency of monitoring: Periodic
B. Description: Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Records of operating hours. Date, time, duration, and reason for emergency operation. Records of engine data. Compliance is determined by logged hours of annual operation to ensure less than 50 hours per year.	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 74.23N2/1494	D. Frequency of monitoring:
B. Description:	Continuous, Annually
Stationary gas turbines – NO_x emission limits (water-to-fuel ratios) for three 3.4 MW Allison 501-K turbines, except at loads of 1000 kW or less, and during thermal stabilization period associated with a start-up, planned shutdown, or unplanned load change.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Annual source tests of the turbines conducted at 30% load using the following methods: EPA Method 20 for NO_x, ARB Method 100 for oxygen content, ASTM Method D 240-87 for fuel oil heating value, ASTM Method 1826-88 for gaseous fuel heating value. Records of the following on a continuous basis: water-to-fuel ratio, type and amount of fuel consumed at all loads and at loads less than 1000 kW, elapsed time of operation, and turbine section inlet temperature. Observation per shift of ratios to check for any excursion outside the acceptable ratio. Report submitted every 6 months containing actual annual fuel consumption of each turbine at all loads and at loads less than 1000 kW. **Report containing fuel consumption is attached.**	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: NSPS GG	D. Frequency of monitoring:
B. Description:	Continuous
Standards of performance, NO_x limits, and SO2 limits, limits of sulfur content of fuel, continuous monitoring requirements for stationary gas turbines.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Continuous monitoring system that records fuel consumption and the ratio of water-to-fuel accurate within ±5.0%. Reports of excess emissions every one-hour period which the ratio's below the required ratio, records of all CEM measurements/information, and performance tests, records of occurrence and duration of any startup, shutdown, or malfunction in operation of an affected facility or air pollution control equipment, any periods during which a continuous monitoring system is inoperative. Records of sulfur content of liquid fuels using ASTM D 2880-71 for each fuel transfer to the storage tank from any other source. Note that **Fuel supplier's certifications containing fuel sulfur content by weight for each fuel delivery are maintained and are also referenced to the TVPF46 Compliance Certification Permit Form – Attach. 64.B.2.** Records of sulfur content of gaseous fuels every 6 months using ASTM D-3588-91, which is the equivalent of ASTM D 4084-82.	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 1	D. Frequency of monitoring:
B. Description: Platform Gail Additional Requirements - 12-month rolling records of throughput and consumption as provided in the Permitted Throughput and Consumption Limits Table in Section No. 3 of the Permit.	Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Monthly records of fuel consumption for the flares, turbines (at all loads and at loads < 1000 kW), back-up generator, starter engines, cranes, boom boat, and crew and supply boats are maintained in 12-month rolling records. Monthly emissions for the crew and work boats, and wipe cleaning solvents are calculated and are maintained in 12-month rolling records. Annual compliance certification that these records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 2	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - Maximum number of oil wells (30).	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Authority to Construct will be obtained prior to drilling any wells, unless the activity is a redrill. Annual compliance certification that there was no increase in the maximum number of wells. Permit was revised to account for a maximum of 30 wells.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 3	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - BACT requirements for well operations.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that Wells E-9 Short, E-11 Short, E-11 Long, E-12 Short, E-12 Long, E-22 Short, E-22 Long, are free-flowing or operated with electric motor-driven artificial equipment. Compliance with this requirement is determined monthly and written documentation is reported to the MMS. Note: E-9 Long and E-21 are not currently producing and have been converted to water injection wells.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 4	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - Maximum sulfur content of diesel fuel consumed in the crane engines, turbines, turbine starter engines, backup generator engine, and the boats.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Records of certifications from the fuel supplier documenting the sulfur content of each diesel fuel delivery are maintained.	G. Compliance Status? (C or I): C
	H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 5	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - Crew boat and work boat emission limits	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Monthly records of fuel consumption from the crew and work boats are maintained. Monthly emissions are calculated for the crew and work boats and are maintained in 12-month rolling records. Annual compliance certification that these records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 6, 7, and 8	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - Crew boat and work boat permitted engines	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Only two crew boats and one work boat was used at any given time. Records are maintained showing the days and hours that each crew boat and work boat was in service. Annual compliance certification that these records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 9	D. Frequency of monitoring: Periodic
B. Description: Platform Gail Additional Requirements - Solvent Recordkeeping	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records of solvent purchase and usage, along with records of solvent that is recycled or disposed of are maintained for solvents used in solvent cleaning activities, including wipe cleaning. Annual compliance certification that these records are maintained. All cleaning solvents used have a ROC content of 25 g/l or less.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: PO1494PC2 Conditions 1, 2& 5	**D. Frequency of monitoring:** **Continuous**
B. Description: Flare fuel consumption	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Each flare has individual fuel meter installed to record the amount of natural gas consumed. Monthly records of volume of gas combusted in flare are maintained in 12-month rolling records. Records also differentiate between emergency (unplanned) usage and non-emergency (planned) usage. Annual compliance certification that these records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC2 Conditions 3 & 4	D. Frequency of monitoring: Periodic
B. Description: Flare ignition system operation – each flare is equipped and maintained with a continuous pilot or autoignition system to ensure combustion disposal of all excess produced or recovered gases.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Flare's ignition system is tested monthly and monthly records of the flare's ignition system tests and maintenance activities are maintained. Annual compliance certification that these records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: PO1494PC3	D. Frequency of monitoring: Periodic
B. Description: Drain pit operation exemption from Rule 71.4 requirements since its function is to act as a containment berm.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Annual compliance certification that the 7.07 square foot deck drain pit (T-21) acts as a containment berm.	G. Compliance Status? (C or I): C
	H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO1494PC4	D. Frequency of monitoring:
B. Description: Detroit diesel backup generator operation requirement to not fire this engine simultaneously with any one of the three turbines, except during startup or shutdown transition periods not to exceed one hour, or to perform routine maintenance on the Detroit backup engine.	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that the diesel-fired backup generator was not fired simultaneously with any of the three turbines, except during startup or shutdown transition periods which did not exceed one hour, or during routine maintenance on the Detroit diesel backup engine.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 50	D. Frequency of monitoring:
B. Description: Opacity requirements	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Routine surveillance and visual inspections are performed to ensure that opacity requirements are being maintained. Records including date, time, and identity of emissions unit of any occurrences of visible emissions not meeting Rule 50 opacity requirements are maintained. District notification within subsequent 24 hours if visible emissions problem cannot be corrected within first 24 hours. **Annual certification including an annual formal survey identifying the date, time, emissions unit, and verification that there were no visible emissions not meeting the Rule 50 opacity requirements is attached.**	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E.

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Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 54.B.1 (OCS) B. Description: Sulfur Compounds – Sulfur emission concentration requirements at point of discharge	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records of each flaring event are maintained. Unplanned flaring event reports are provided to the District within one week if they exceed 1 hour. The District is notified 72 hours prior to planned flaring. Records of planned flaring is maintained and includes the date, time, duration, flare volume, and estimated sulfur emissions during the entire event. An annual written report of excess emissions was previously submitted to the District on 01/15/19. A representative fuel analysis is being maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 54.B.2 (OCS) B. Description: Sulfur Compounds – Sulfur emission concentration requirements at ground level	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records of each flaring event are maintained. Unplanned flaring event reports are provided to the District within one week if they exceed 1 hour. The District is notified 72 hours prior to planned flaring. Records of planned flaring is maintained and includes the date, time, duration, flare volume, and estimated sulfur emissions during the entire event. A representative fuel analysis is being maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 57.1 B. Description: Combustion contaminants requirements – Specific – Fuel burning equipment	D. Frequency of monitoring: None E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Annual compliance certification that combustion contaminants were not discharged into the atmosphere from any fuel-burning equipment at the facility in excess of the concentration at the point of discharge, 0.1 grain per cubic foot of gas calculated to 12% CO_2 at standard conditions. This is based on a reference to the District analysis of Rule 57.B compliance based on EPA emission factors and a representative source test as being sufficient. Periodic monitoring is not necessary to certify compliance.	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 64.B.1	D. Frequency of monitoring: Annually
B. Description: Gaseous fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting gaseous fuel.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual fuel analysis of the sulfur content of the fuel using South Coast AQMD Method 307-91.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 64.B.2	D. Frequency of monitoring: Periodic
B. Description: Solid or liquid fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting solid or liquid fuel.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Fuel supplier's certifications containing fuel sulfur content by weight for each fuel delivery are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E.
C. Method of monitoring:	F. Currently in Compliance? (Y or N): G. Compliance Status? (C or I): H. *Excursions, exceedances, or other non-compliance? (Y or N): *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 71.1.C	D. Frequency of monitoring: Periodic
B. Description: Emissions of produced gas must be controlled at all times using a gas collection system that directs all gas to a fuel or sales gas system, or to a flare that combusts ROCs.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Fugitive I&M Program under Rule 74.10 for the gas collection system's gas and liquid piping connections; Annual compliance certification that the produced gas collection system is a closed system through a visual inspection. Flare is inspected on a quarterly basis. Records of visual and flare inspections are maintained at the facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 71.4.B.3	D. Frequency of monitoring: None
B. Description: Well cellar storage prohibition	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification including routine surveillance and visual inspections that no crude oil or petroleum material was stored in a well cellar except during periods of equipment maintenance or well workover, and in no case, no storage for more than 5 days. No well cellars are on Platform Gail.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 71.4.B.1	D. Frequency of monitoring: None
B. Description: First stage sump prohibition	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification that there are no first stage production sumps at the facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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A. Attachment # or Permit Condition #: 74.6	D. Frequency of monitoring: Periodic
B. Description: Surface cleaning and degreasing requirements including ROC content limits, application and storage requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Records of current material list of ROC-containing material used in solvent cleaning activities are maintained. Routine surveillance of the applicable solvent cleaning activities is also performed. All cleaning solvents used have a ROC content of 25 g/l or less.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.10	D. Frequency of monitoring: Periodic
B. Description: Fugitive leak and leak inspection requirements for components at crude oil production and processing facilities.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Weekly visual inspections of pumps, including but not limited to rod pumps and compressor pumps for liquid leaks. Quarterly monitoring of the following components for gaseous leaks using EPA Reference Method 21: valves, packing seals on dump lever arms connected to gas traps, separators, or vessels, hatches on non-vapor recovery tanks, and polished rod stuffing boxes. All other components not exempt are monitored annually. Routine surveillance of the applicable components is also performed and includes verification of proper operation and equipment and inspection requirements are met. Detected leaks are visibly tagged with the date leak is detected, and repaired no later than 21 days (critical components are at next scheduled shutdown, but no later than 3 months). Repair is reinspected within one week of repair. Updated Operator Management Plan was submitted to the District in May of 1999, and the recertification letter was submitted in January 2014. Records of the following are maintained: location, type, description of each leaking component inspected, and name of any operating unit where each leaking component is found; date of leak detection and method of detection; date that leak is repaired and date of re-check; identification of leaks from critical process units; number of components inspected, number and percentage of leaking components found, categorized by groups: hatches, polished rod stuffing boxes, dumplever arms, valves (not open-ended), open-ended lines, flanges (if designated as exempt), other components.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.22	D. Frequency of monitoring: None
B. Description: Natural gas-fired, fan-type central furnaces – NO_x limits and certification requirements	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification including a formal survey identifying each furnace, whether it was installed before or after May 31, 1994, and for those installed after May 31, 1994, information indicating that the certification is contained on the furnace nameplate, or that the furnace is included on a District-provided list of certified furnaces. **Platform Gail does not have any natural gas-fired, fan-type central furnaces.**	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 74.11.1 B. Description: Large Water Heaters and Small Boilers	D. Frequency of monitoring: None E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification including a formal survey identifying each large water heater or small boiler, whether it was installed before or after December 31, 1999, or December 31, 2000 and for those installed after December 31, 1999, or December 31, 2000, information indicating that the certification is contained on the unit's nameplate, or that the unit is included on a District-provided list of certified water heaters, boilers, steam generators and process heaters. **Platform Gail does not have any of the applicable units.**	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.1 B. Description: Abrasive blasting requirements	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Routine surveillance including assuring that operation and equipment requirements are being met, and visual inspections to ensure there are no opacity violations of each abrasive blasting operation are performed. Records including date of operation, type of abrasive blasting media used, identity, size, and location of item blasted, whether the operation was conducted inside or outside a permanent building, and CARB certifications for the abrasives used are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 74.2 B. Description: Architectural coating requirements	D. Frequency of monitoring: Periodic E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable

C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y
Routine surveillance and records including specifying the usage of compliant coatings and maintaining VOC records of coatings used (MSDSs are maintained). VOC content of coatings are measured using EPA Method 24, VOC content of exempt organic compounds are measured using CARB Method 432, and acid content of pretreatment wash primers are measured using ASTM Method D 1613-85, and metal content of metallic pigmented coatings are measured using SCAQMD Method 311-91.	G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 74.16N1494	D. Frequency of monitoring:
B. Description: Oilfield Drilling Operations	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that the turbines are used to supply electrical power during drilling operations.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40CFR61.M	D. Frequency of monitoring:
B. Description: National emission standard for asbestos	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that compliance with 40 CFR 61 Subpart M is met if an asbestos demolition or renovation activity occurs.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: ATCM ENG.N3	D. Frequency of monitoring:
B. Description: Stationary compression ignition engines used solely on OCS platforms	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification that monthly fuel consumption records, hours of operation, and fuel type records are maintained. **ATCM emission standards are not federally enforceable**.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 40CFR63ZZZZ3	D. Frequency of monitoring:
B. Description: RICE MACT for emergency diesel engines – oil change and inspections	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that maintenance records are maintained and engines are equipped with non-resettable hour meters.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40CFR63ZZZZ4	D. Frequency of monitoring:
B. Description: RICE MACT for non-emergency diesel engines less than or equal to 300 HP – oil change and inspections	
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual compliance certification that maintenance records are maintained.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 40CFR63ZZZZ6	D. Frequency of monitoring:
B. Description: RICE MACT for non-emergency diesel engines greater than 500 HP – CO ppm limit	Periodic
	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification that the South Crane CO source testing will be conducted every 8760 hours of operation or every three years, whichever comes first. Catalyst temperatures are monitored using a CPMS. Initial source testing conducted in March 2014.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2023 (MM/DD/YY) to 12 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #: 40CFR60IIIIN1	D. Frequency of monitoring: Periodic
B. Description: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines – BACT and diesel certification.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Vendor certification of CARB diesel.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable.
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring: Periodic
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/23 (MM/DD/YY) to 12/31/23 (MM/DD/YY)

A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas)			B. Pollutant: NO_x
C. Measured Emission Rate: 3.4 ppmv @ 15% O_2	D. Limited Emission Rate: 5 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas)			B. Pollutant: NH_3
C. Measured Emission Rate: 10.9 ppmv @ 15% O_2	D. Limited Emission Rate: 20 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel)			B. Pollutant: NO_x
C. Measured Emission Rate: 6.2 ppmv @ 15% O_2	D. Limited Emission Rate: 13 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel)			B. Pollutant: NH_3
C. Measured Emission Rate: 13.5 ppmv @ 15% O_2	D. Limited Emission Rate: 20 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/23 (MM/DD/YY) to 12/31/23 (MM/DD/YY)

A. Emission Unit Description: Turbine G-03 @ 30% Load (Gas)			B. Pollutant: NO_x
C. Measured Emission Rate: 2.8 ppmv @ 15% O_2	D. Limited Emission Rate: 5 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-03 @ 30% Load (Gas)			B. Pollutant: NH_3
C. Measured Emission Rate: 7.3 ppmv @ 15% O_2	D. Limited Emission Rate: 20 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-03 @ 30% Load (Diesel)			B. Pollutant: NO_x
C. Measured Emission Rate: 6.1 ppmv @ 15% O_2	D. Limited Emission Rate: 13 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

A. Emission Unit Description: Turbine G-03 @ 30% Load (Diesel)			B. Pollutant: NH_3
C. Measured Emission Rate: 10.8 ppmv @ 15% O_2	D. Limited Emission Rate: 20 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: May 2, 2023

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/23 (MM/DD/YY) to 12/31/23 (MM/DD/YY)

A. Emission Unit Description: South Crane Engine (Diesel)			B. Pollutant: CO
C. Measured Emission Rate: 14.8 ppmv @ 15% O_2	D. Limited Emission Rate: 23 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 2079	F. Test Date: May 3, 2023

A. Emission Unit Description: G-04 Engine (Diesel)			B. Pollutant: NOx
C. Measured Emission Rate: 0.82 ppmv @ 15% O_2	D. Limited Emission Rate: 80 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 2079	F. Test Date: May 3, 2023

A. Emission Unit Description: G-04 Engine (Diesel)			B. Pollutant: CO
C. Measured Emission Rate: 0.2 ppmv @ 15% O_2	D. Limited Emission Rate: 4500 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 2079	F. Test Date: May 3, 2023

A. Emission Unit Description: G-04 Engine (Diesel)			B. Pollutant: ROC
C. Measured Emission Rate: 0.87 ppmv @ 15% O_2	D. Limited Emission Rate: 750 ppmv @ 15% O_2	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 2079	F. Test Date: May 3, 2023

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 23 (MM/DD/YY) to 12 / 31 / 23 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
RULE 29.C	South Crane	Begin: June 1, 2023 End: August 31, 2023 When Discovered: Date & Time August 31, 2023
D. Parameters monitored: Annual Diesel use	E. Limit: 21,339 gals/year	F. Actual: 24,581 gals/year

G. Probable Cause of Deviation:	H. Corrective actions taken:
Unanticipated increased workload from conductor removal	Completed conductor project

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 1/29/2023
HOURS: 15096
MECHANIC: Seth McBeath / George Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature Charles Rentfro

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
G-01 TURBINE START ENGINE
DETRIOT, 140 HP

DATE: 2/4/2023
HOURS: 729
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(1000 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
FUEL FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments	
Samples sent in, lost at lab. Email and notes in folder as reference.	
	Signature

A) IF 1000 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL

Mechanic Summary

Mechanic: David Ramos

- Took oil samples from G-01 turbine start engine and gear box also G-03 turbine start engine and gear box. Took P-18 oil sample. Prepared to ship. Left on afternoon boat for analysis 2/4/23.
- Assist operations as needed with permits and relief
- Assist with rigging needs while Daven is doing 14 day H2S testing
- Clean up machine shop of debris and left over tools from Grace. That were rusted
- Assist Charles Roberts with installing secondary sel line from P-6 to +44 deck for future use for dive team
- Assisted with rigging north side setting metal bin and spool of 3/8 stainless steel control line
- Assisted Scott Bing and Charles Roberts in Quarters building removing and installing heating elements on water heater #2 cleaned up after job
- Participated in H2S and abandon platform

Turbine Specific Notes

- G-03 NOX for today is =2.79

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
G-03 TURBINE START ENGINE
DETRIOT, 140 HP

DATE: 2/4/2023
HOURS: 660
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(1000 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
FUEL FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments	
Samples sent in, lost at lab. Email and notes in folder as reference.	
	Signature

A) IF 1000 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL

Mechanic Summary

Mechanic: David Ramos

- Took oil samples from G-01 turbine start engine and gear box also G-03 turbine start engine and gear box. Took P-18 oil sample. Prepared to ship. Left on afternoon boat for analysis 2/4/23.
- Assist operations as needed with permits and relief
- Assist with rigging needs while Daven is doing 14 day H2S testing
- Clean up machine shop of debris and left over tools from Grace. That were rusted
- Assist Charles Roberts with installing secondary sel line from P-6 to +44 deck for future use for dive team
- Assisted with rigging north side setting metal bin and spool of 3/8 stainless steel control line
- Assisted Scott Bing and Charles Roberts in Quarters building removing and installing heating elements on water heater #2 cleaned up after job
- Participated in H2S and abandon platform

Turbine Specific Notes

- G-03 NOX for today is =2.79

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
P-18 FIRE WATER PUMP
481 BHP CATIPILLAR

DATE: 2/4/2023
HOURS: 814
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(500 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: CHANGE ANNUALLY COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: AS NEEDED PER OIL ANALYSIS COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments

Samples sent in, lost at lab. Email and notes in folder as reference.

Signature

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL.

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 3/14/2023
HOURS: 15580
MECHANIC: Seth McBeath / George Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
NORTH CRANE
CATERPILLER 3306, 225HP

DATE: 4/1/2023
HOURS: 1773
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

(A) IF 300 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
NORTH CRANE
CATERPILLER 3306, 225HP

DATE: 4/1/2023
HOURS: 1773
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

(A) IF 300 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
G-01 TURBINE START ENGINE
DETRIOT, 140 HP

DATE: 4/2/2023
HOURS: 730
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(1000 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
FUEL FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments	
Samples were re-sent, previous samples lost at lab.	
	Signature

(A) IF 1000 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL.

LubeWatch®

UIN 08C0FEB

Diesel Engine

Unit No. G-01

Unit:
Make
Model
Serial No.
Site

Compartment:
Name Start Engine

Make Detroit Diesel
Model 471
Serial No.
Capacity:

Customer:
BEACON WEST ENERGY GROUP LLC GAIL
Export Platform Gail
Attn Justin Robarge & Austin Wright
5661 Carpinteria Ave
Carpinteria CA 93013

DIAGNOSIS

Engine wear levels appear satisfactory for first sample. Minor fuel dilution occurring. Other contaminant levels acceptable. Viscosity low for specified oil grade. Action: Resample at a reduced service interval to monitor and establish wear trend.

ANALYST: roldan.beldad

Caution

LEGEND
Severe | Abnormal | Caution | Normal

DATE SAMPLED		02-Apr-23	04-Jul-21
DATE RECEIVED		12-Apr-23	12-Jul-21
DATE REPORTED		17-Apr-23	14-Jul-21
LAB NO.		44022986762	44022513410
SIF NO.		31270961	31270971
TIME ON UNIT	Hrs	73	725
TIME ON OIL	Hrs		
OIL BRAND		Chevron	Chevron
OIL TYPE		Unidentified	Delo 400 LE
OIL GRADE		SAE 15W40	SAE 15W40
OIL ADDED			
FILTER			
OIL CHANGED			Not Changed
WO NUMBER			
Metals (ppm)			
Iron (Fe)		10	6
Chromium (Cr)		<1	<1
Lead (Pb)		<1	1
Copper (Cu)		<1	<1
Tin (Sn)		2	2
Aluminium (Al)		1	2
Nickel (Ni)		<1	<1
Silver (Ag)		<1	<1
Titanium (Ti)		<1	<1
Vanadium (V)		<1	<1
Contaminants (ppm)			
Silicon (Si)		7	4
Sodium (Na)		<1	2
Potassium (K)		2	3
Additives (ppm)			
Magnesium (Mg)		631	579
Calcium (Ca)		1265	1154
Barium (Ba)		<1	<1
Phosphorus (P)		754	677
Zinc (Zn)		839	721
Molybdenum (Mo)		25	22
Boron (B)		193	203
Contaminants			
Water (%)		<0.05	<0.05
Coolant		No	No
Physical Tests			
Viscosity (cSt 100C)		11.9	12.2
Fuel (%)		4.3	3.0
Soot (%) Infrared		<0.1	<0.1
Physical / Chemical			
Base Number (mgKOH/g)		3.8	7.0
Oxidation (Abs/0.1mm) E2412/D7414		16	15
Nitration (Abs/0.1mm) E2412		6	6

(800) LUBE-808

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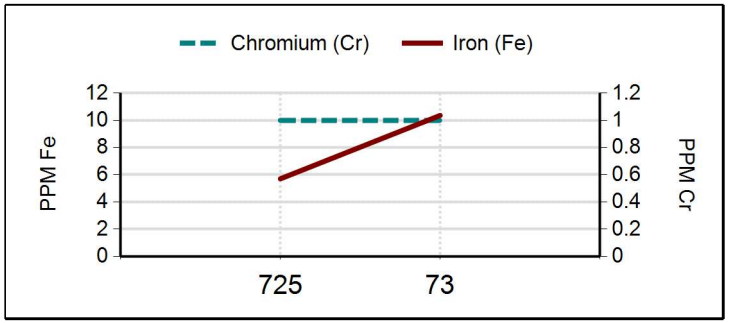
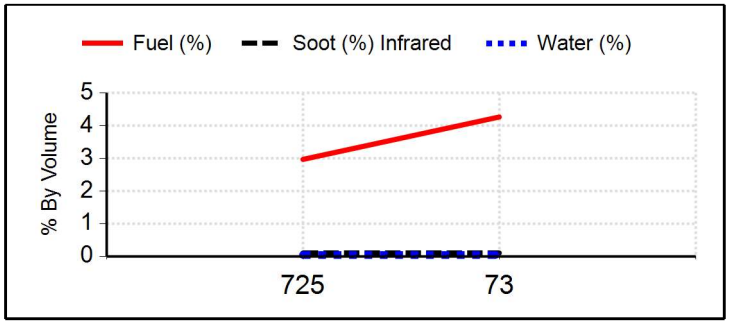
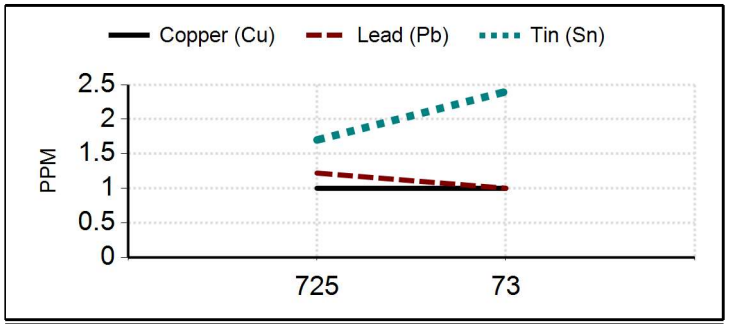
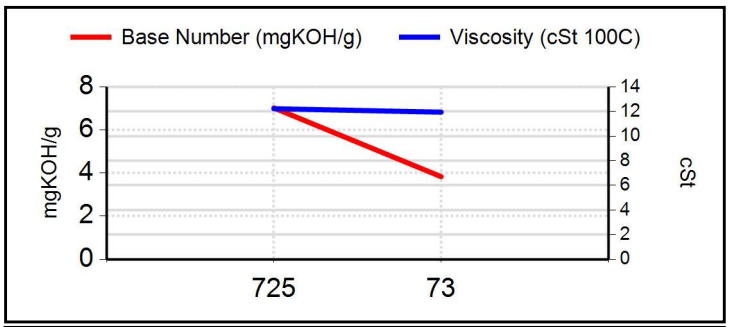
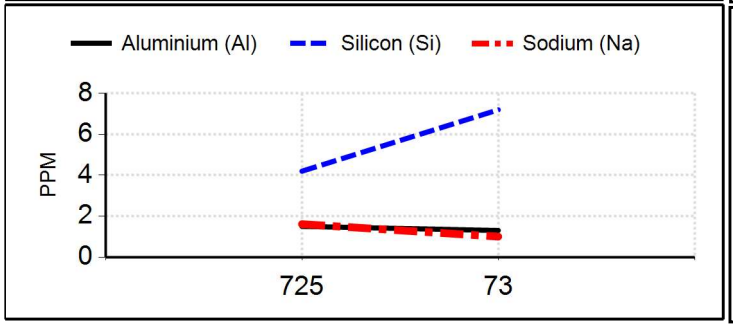
(800) LUBE-808











Filter Image

Filter patch test is not performed Contact laboratory for more information

Since services are based on samples and information supplied by others, and since corrective actions, if any, are necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid to ALS Tribology for the services. Reported recommendations are based on interpretations of the generated test results and historical data. Certain test results appearing in this report may have been tested at other ALS laboratories within the Tribology divisional network.

Beacon West Energy Group LLC Grace
Attn: Charles Roberts
Export Platform Grace
Attn Justin Robarge & Austin Wright
2661 Carpinteria Ave
Carpinteria CA 93013
USA

UIN 08C0FEB

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6180 Halle Dr. Suite D
Valley View, OH 44125
800.726.5400

Kansas City, Kansas - 430
935 Sunshine Road
Kansas City, KS 66115
800.332.8055

Phoenix, Arizona - 440
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New Zealand
Wellington

Southeast Asia
Kuala Lumpur, Singapore

Europe
Prague

TEST METHODS:

Acid Number:	ASTM D974/D664 (*M)
Base Number:	ASTM D4739 (*M)
Base Number (Perchloric):	ASTM D2896B, back (*M)
Fuel Dilution by GC:	ASTM D7593
Fuel Dilution Visc/Setaflash	In House
Fuel Soot ATR/IR:	ASTM D7686 (*M)
Soot by FTIR:	ASTM D7844
Glycol:	In House
Metals by ICP AES:	ASTM D5185 (*M)
Ox, NOx, SOx, FTIR:	ASTM E2412/D7418/D7414 D7415
PQ Index:	ASTM D8120 (*M)
Particle Count:	ASTM D7647 (*M) / ISO 4406
Kinematic Viscosity:	ASTM D445 (*M) / D7279 (*M)
Water KF:	D6304 / E203 (*M)
Water Crackle:	In House

*M - Modified Method

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
P-18 FIRE WATER PUMP
481 BHP CATIPILLAR

DATE: 4/3/2023
HOURS: 818
MECHANIC: David Ramos

ARE DROP DOWN BOXES

(500 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: CHANGE ANNUALLY COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: AS NEEDED PER OIL ANALYSIS COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments

Samples were re-sent, previous samples lost at lab.

Signature

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE

LubeWatch®

UIN 0934B89

Diesel Engine

Unit No. P-18 Firewater Pump

Unit:
Make
Model
Serial No.
Site

Compartment:

Name Diesel Engine

Make Caterpillar
Model 3408
Serial No. 67U10240
Capacity:

Customer:

BEACON WEST ENERGY GROUP LLC GRACE
Export Platform Grace
Attn Justin Robarge & Austin Wright
2661 Carpinteria Ave
Carpinteria CA 93013

DIAGNOSIS

All engine wear rates normal. Abrasive and other contaminant levels are acceptable. Please provide missing oil information; we need manufacturer, type, and grade to evaluate the oil data. Action: Resample next recommended service interval to further monitor. Due to lack of information (oil grade) not all tests can be determined.

ANALYST: roldan.beldad

Normal

LEGEND: Severe | Abnormal | Caution | Normal

DATE SAMPLED		03-Apr-23	14-Mar-22
DATE RECEIVED		12-Apr-23	22-Mar-22
DATE REPORTED		17-Apr-23	28-Mar-22
LAB NO.		44022986760	44022689045
SIF NO.		38097118	38097110
TIME ON UNIT	Hrs	818	786
TIME ON OIL	Hrs	8	
OIL BRAND		Unidentified	Unidentified
OIL TYPE		Unidentified	Unidentified
OIL GRADE		Unknown	Unknown
OIL ADDED			
FILTER			
OIL CHANGED			Not Changed
WO NUMBER			
Metals (ppm)			
Iron (Fe)		6	4
Chromium (Cr)		<1	<1
Lead (Pb)		<1	<1
Copper (Cu)		2	3
Tin (Sn)		1	<1
Aluminium (Al)		1	2
Nickel (Ni)		<1	<1
Silver (Ag)		<1	<1
Titanium (Ti)		<1	<1
Vanadium (V)		<1	<1
Contaminants (ppm)			
Silicon (Si)		6	4
Sodium (Na)		<1	7
Potassium (K)		<1	2
Additives (ppm)			
Magnesium (Mg)		893	738
Calcium (Ca)		1202	1561
Barium (Ba)		<1	1
Phosphorus (P)		1021	827
Zinc (Zn)		1148	974
Molybdenum (Mo)		55	4
Boron (B)		55	112
Contaminants			
Water (%)		<0.05	<0.05
Coolant		No	No
Physical Tests			
Viscosity (cSt 100C)		12.4	12.2
Fuel (%)		--	--
Soot (%) Infrared		<0.1	<0.1
Physical / Chemical			
Base Number (mgKOH/g)		3.5	5.3
Oxidation (Abs/0.1mm) E2412/D7414		15	14
Nitration (Abs/0.1mm) E2412		6	7

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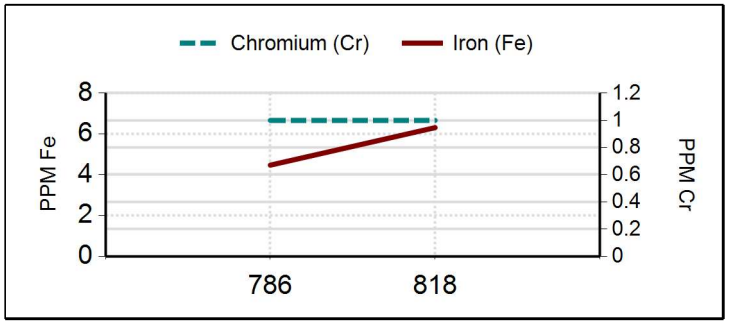

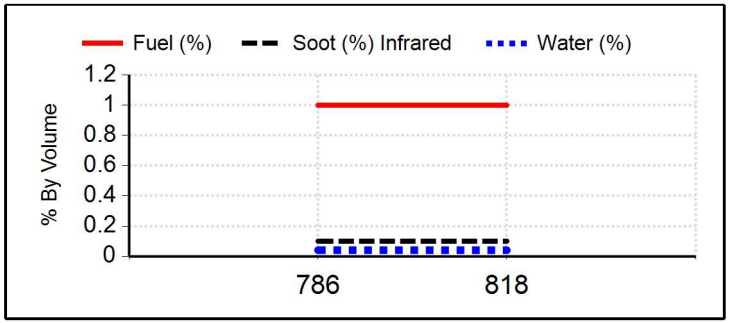

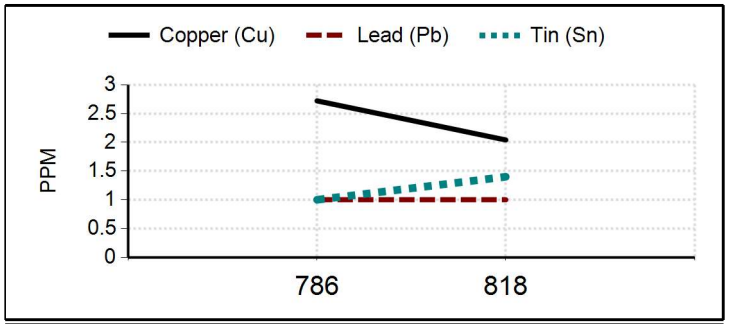

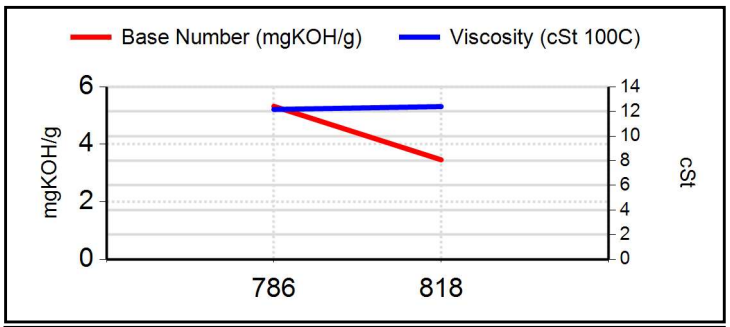

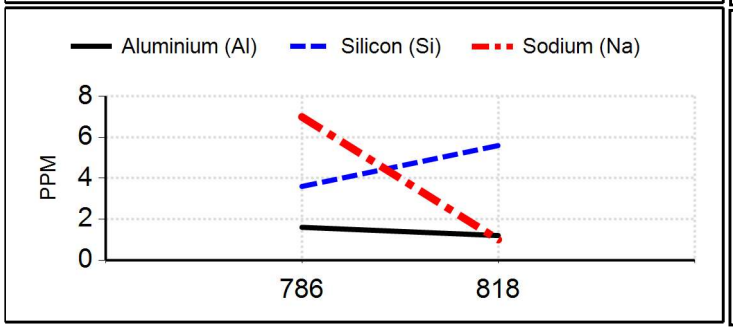

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Beacon West Energy Group LLC Grace
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Export Platform Grace
Attn Justin Robarge & Austin Wright
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Wellington

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Kuala Lumpur, Singapore

Europe
Prague

TEST METHODS:

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Soot by FTIR:	ASTM D7844
Glycol:	In House
Metals by ICP AES:	ASTM D5185 (*M)
Ox, NOx, SOx, FTIR:	ASTM E2412/D7418/D7414 D7415
PQ Index:	ASTM D8120 (*M)
Particle Count:	ASTM D7647 (*M) / ISO 4406
Kinematic Viscosity:	ASTM D445 (*M) / D7279 (*M)
Water KF:	D6304 / E203 (*M)
Water Crackle:	In House

*M - Modified Method

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 5/15/2023
HOURS: 15924
MECHANIC: Seth McBeath / Austin Wright

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 5/21/2023
HOURS: 16242
MECHANIC: Seth McBeath / George Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
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Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

BEACON WEST ENERGY GROUP

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 6/09/2023
HOURS: 16576
MECHANIC: Seth McBeath / Larry Trujillo

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
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CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments

Signature Charles Rettstatt

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 7/11/2023
HOURS: 16900
MECHANIC: Seth McBeath / George Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
NORTH CRANE
CATERPILLER 3306, 225HP

DATE: 7/21/2023
HOURS: 2083
MECHANIC: Austin Wright / David Ramos

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
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OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
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Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

(A) IF 300 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 2023.08.04
HOURS: 17387
MECHANIC: Seth McBeath / Austin Wright

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature

BEACONWEST ENERGY GROUP

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 2023.08.30
HOURS: 17689
MECHANIC: Seth McBeath / Austin Wright

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	INSPECTED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
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Comments	
	Signature 

BEACONWEST ENERGY GROUP

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE 2023.10.29
HOURS: 17992
MECHANIC: Seth McBeath / Austin Wright

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE EVERY 500 HRS COMMENTS:	CHANGED
FUEL FILTERS: CHANGE ANNUALLY COMMENTS:	FILTERS CHANGED
OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST COMMENTS:	FILTERS CHANGED
CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED
Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL CHANGED

Comments	
	Signature 

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
G-01 TURBINE START ENGINE
DETRIOT, 140 HP

DATE: 3/14/2022
HOURS: 727
MECHANIC: Kirk H. / C. Roberts

ARE DROP DOWN BOXES

(1000 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
FUEL FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments

Signature C. Roberts

(A) IF 1000 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL.

LubeWatch®

UIN 0934B79

Gas Engine

Unit No. G-01 Start Engine

Unit:
Make
Model
Serial No.
Site

Compartment:
Name Gas Engine

Make Caterpillar
Model G399
Serial No.
Capacity:

Customer:
BEACON WEST ENERGY GROUP LLC GRACE
Export Platform Grace
Attn Justin Robarge & Austin Wright
2661 Carpinteria Ave
Carpinteria CA 93013

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Please provide missing oil information at next sample submission. Action: Resample at next recommended interval to monitor and establish wear trend.

ANALYST: roldan.beldad

Normal

LEGEND
Severe | Abnormal | Caution | Normal

DATE SAMPLED	14-Mar-22
DATE RECEIVED	22-Mar-22
DATE REPORTED	28-Mar-22
LAB NO.	44022689044
SIF NO.	38097112
TIME ON UNIT	727
TIME ON OIL	
OIL BRAND	Unidentified
OIL TYPE	Unidentified
OIL GRADE	Unknown
OIL ADDED	
FILTER	
OIL CHANGED	Not Changed
WO NUMBER	
Metals (ppm)	
Iron (Fe)	8
Chromium (Cr)	<1
Lead (Pb)	<1
Copper (Cu)	<1
Tin (Sn)	2
Aluminium (Al)	2
Nickel (Ni)	<1
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1
Contaminants (ppm)	
Silicon (Si)	5
Sodium (Na)	7
Potassium (K)	5
Additives (ppm)	
Magnesium (Mg)	688
Calcium (Ca)	1361
Barium (Ba)	<1
Phosphorus (P)	780
Zinc (Zn)	905
Molybdenum (Mo)	34
Boron (B)	197
Contaminants	
Water (%)	<0.05
Coolant	No
Physical Tests	
Viscosity (cSt 100C)	12.0
Solids (%)	<0.1
Physical / Chemical	
Initial pH	6.6
Acid Number (mgKOH/g)	1.55
Oxidation (Abs/0.1mm) E2412/D7414	16
Nitration (Abs/0.1mm) E2412	6

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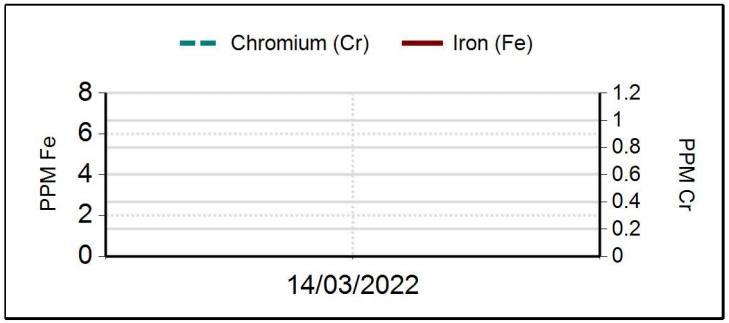
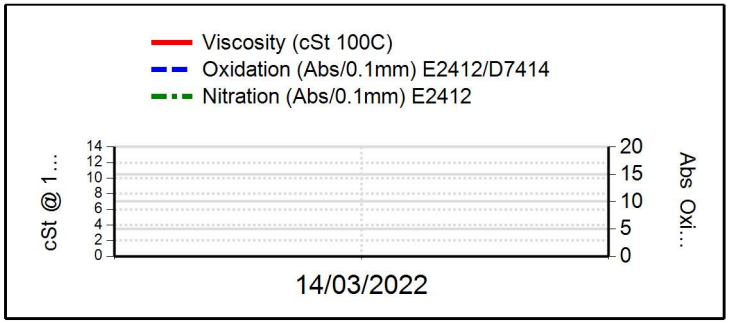
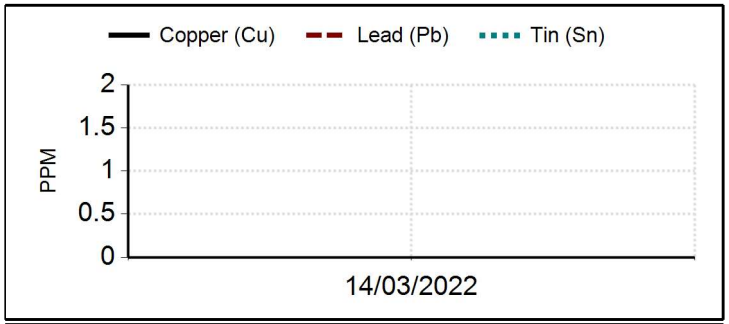
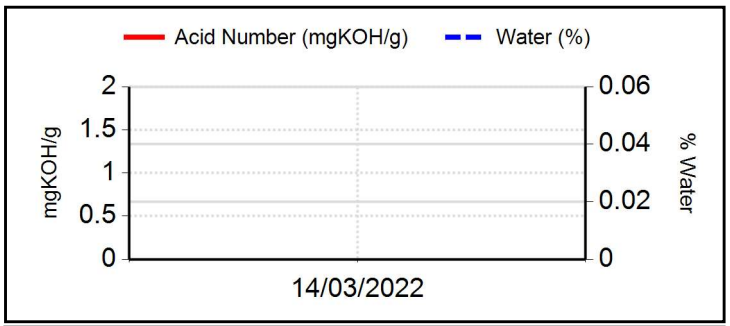
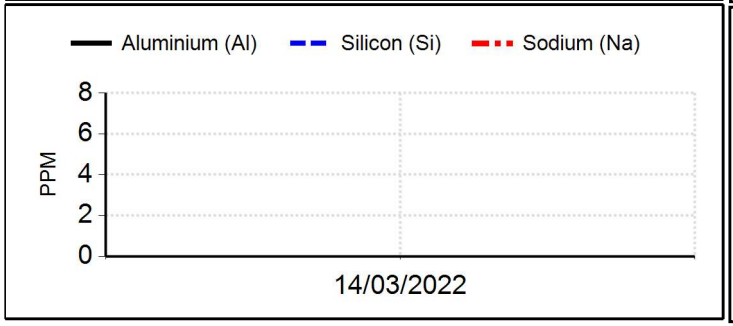
UIN 0934B79











Filter Image

Filter patch test is not performed Contact laboratory for more information

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Export Platform Grace
Attn Justin Robarge & Austin Wright
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Kansas City, KS 66115
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New Zealand
Wellington

Southeast Asia
Kuala Lumpur, Singapore

Europe
Prague

TEST METHODS:

Acid Number:	ASTM D974/D664 (*M)
Base Number:	ASTM D4739 (*M)
Base Number (Perchloric):	ASTM D2896 (*M)
Fuel Dilution by GC:	ASTM D7593
Fuel Dilution Visc/Setaflash	In House
Fuel Soot ATR/IR:	ASTM D7686 (*M)
Soot by FTIR:	ASTM D7844
Glycol:	In House
Metals by ICP AES:	ASTM D5185 (*M)
Ox, NOx, SOx, FTIR:	ASTM E2412/D7418/D7414 D7415
PQ Index:	ASTM D8120 (*M)
Particle Count:	ASTM D7647 (*M) / ISO 4406
Viscosity:	ASTM D445 (*M) / D7279 (*M)
Water KF:	D6304 / E203 (*M)
Water Crackle:	In House

*M - Modified Method

BEACONWEST ENERGY GROUP

40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
G-03 TURBINE START ENGINE
DETRIOT, 140 HP

DATE: 3/14/2022
HOURS: 657
MECHANIC: Kirk H. / C. Roberts

ARE DROP DOWN BOXES

(1000 HRS OR ANNUAL SERVICE)	
INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS WHICH EVER COMES FIRST COMMENTS:	INSPECTED
AIR FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
FUEL FILTERS: CHANGE ANNUAL COMMENTS:	OIL ANALYSIS ATTACHED
OIL FILTERS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
CRANK CASE OIL: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED
Oil ANALYSIS: ANNUAL OR 1000 HRS, WHICH EVER COMES FIRST COMMENTS:	OIL ANALYSIS ATTACHED

Comments	
	Signature C. Roberts

(A) IF 1000 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL.

LubeWatch®

UIN 0934B8F

Gas Engine

Unit No. G-03 Start Engine

Unit:
Make
Model
Serial No.
Site

Compartment:
Name Gas Engine

Make Caterpillar
Model G399
Serial No.
Capacity:

Customer:
BEACON WEST ENERGY GROUP LLC GRACE
Export Platform Grace
Attn Justin Robarge & Austin Wright
2661 Carpinteria Ave
Carpinteria CA 93013

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Please provide missing oil information at next sample submission. Action: Resample at next recommended interval to monitor and establish wear trend.

ANALYST: roldan.beldad

Normal

LEGEND
Severe | Abnormal | Caution | Normal

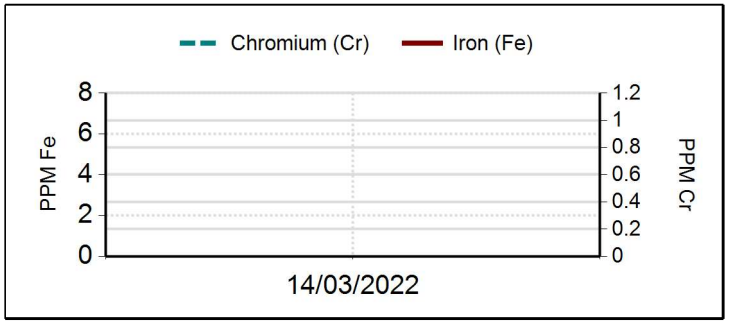
DATE SAMPLED	14-Mar-22
DATE RECEIVED	22-Mar-22
DATE REPORTED	28-Mar-22
LAB NO.	44022689046
SIF NO.	38097114
TIME ON UNIT	657
TIME ON OIL	
OIL BRAND	Unidentified
OIL TYPE	Unidentified
OIL GRADE	Unknown
OIL ADDED	
FILTER	
OIL CHANGED	Not Changed
WO NUMBER	
Metals (ppm)	
Iron (Fe)	7
Chromium (Cr)	<1
Lead (Pb)	<1
Copper (Cu)	<1
Tin (Sn)	1
Aluminium (Al)	2
Nickel (Ni)	<1
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1
Contaminants (ppm)	
Silicon (Si)	4
Sodium (Na)	11
Potassium (K)	2
Additives (ppm)	
Magnesium (Mg)	745
Calcium (Ca)	1418
Barium (Ba)	<1
Phosphorus (P)	798
Zinc (Zn)	929
Molybdenum (Mo)	17
Boron (B)	170
Contaminants	
Water (%)	<0.05
Coolant	No
Physical Tests	
Viscosity (cSt 100C)	11.4
Solids (%)	<0.1
Physical / Chemical	
Initial pH	6.6
Acid Number (mgKOH/g)	1.66
Oxidation (Abs/0.1mm) E2412/D7414	13
Nitration (Abs/0.1mm) E2412	6

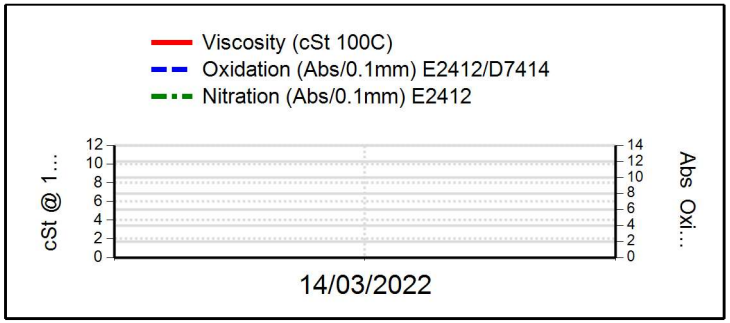
(800) LUBE-808

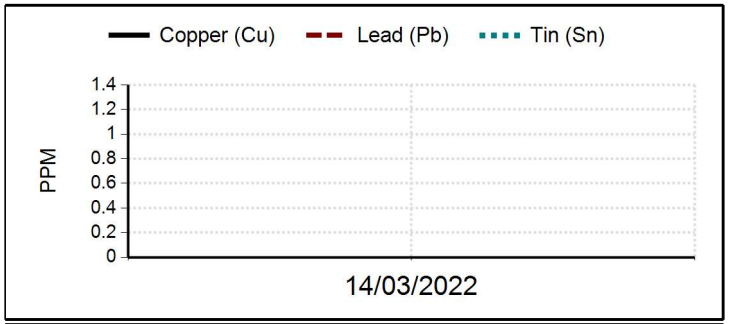
Chevron **LubeWatch®**

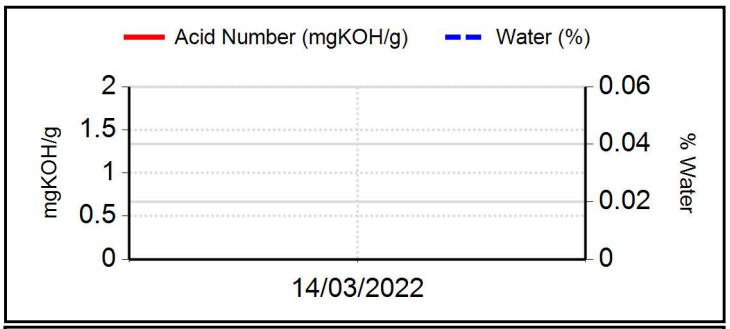
(800) LUBE-808

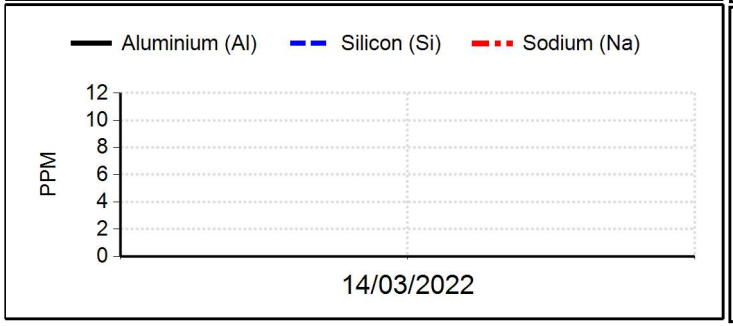
UIN 0934B8F











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Water KF:	D6304 / E203 (*M)
Water Crackle:	In House

*M - Modified Method

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Jan-23

Equipment	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	11.0	4.0	MSCF/mo	0.02	N/A	MMSCF/yr
HP Pilot/Purge	112.0	124.0	112.0	88.0	120.0	124.0	124.0	120.0	124.0	120.0	124.0	92.1	MSCF/mo	1.38	N/A	MMSCF/yr
HP Planned & P/P	112.0	124.0	112.0	88.0	120.0	124.0	133.0	120.0	124.0	120.0	135.0	96.1	MSCF/mo	**1.41**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	9.3	10.3	10.1	11.2	10.5	10.4	5.0	11.4	2.6	9.7	11.6	6.8	MMSCF/mo	108.95	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.2	1.6	1.5	0.9	1.1	1.6	6.1	0.0	9.3	1.8	0.1	5.3	MMSCF/mo	30.54	N/A	MMSCF/yr
Turbines @ all loads	10.6	11.9	11.7	12.1	11.6	11.9	11.1	11.4	11.8	11.5	11.7	12.1	MMSCF/mo	**139.50**	**850**	**MMSCF/yr**
Turbine@<1000 KW	10.59	11.90	11.67	12.1	11.61	11.94	11.13	11.4	11.9	11.5	11.56	11.88	MMSCF/mo	**139.20**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.44	0.00	0.00	0.00	0.00	0.00	7.33	0.08	0.00	0.00	0.06	0.02	MGal/mo	7.95	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.51	0.00	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.01	0.01	MGal/mo	0.77	N/A	MGal/yr
Turbines @ all loads	0.96	0.00	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.07	0.03	MGal/mo	**8.72**	**335**	**MGal/yr**
Turbine@<1000 KW	0.96	0.00	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.06	0.03	MGal/mo	**8.72**	**150**	**MGal/yr**
Prime Generator: G4	1.37	1.25	0.98	1.33	2.73	1.73	3.08	0.63	0.00	0.42	0.80	1.00	Hrs/mo	**15.33**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	82.00	48.00	57.00	65.00	53.00	59.00	112.00	39.00	95.00	110.00	61.00	59.00	Gal/mo	840.0	N/A	Gal/yr
South Crane	1,071.00	937.00	1,011.00	1,744.00	1,192.00	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	Gal/mo	17,748.0	N/A	Gal/yr
Crane Total	1,153.00	985.00	1,068.00	1,809.00	1,245.00	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	Gal/mo	**18,588**	**21,339**	**Gal/yr**
Turbine Starter Engines	1.12	0.66	0.48	0.37	2.29	0.93	4.57	0.15	0.21	0.51	0.85	2.27	Hrs/mo	**111.0**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	1.98	2.43	1.93	2.00	3.25	2.07	2.52	1.80	1.93	2.43	2.00	2.00	Hrs/mo	**26.4**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	4,843	4,850	4,225	3,249	3,201	4,010	3,128	2,794	3,301	2,463	3,017	2,655	Gal/mo	41,737	N/A	Gal/yr
Work Boat Fuel:	3,181	3,260	4,485	7,040	3,467	4,345	3,389	3,027	3,576	2,668	3,269	2,876	Gal/mo	44,582	N/A	Gal/yr
Total Boats Fuel	8,024	8,110	8,710	10,289	6,668	8,355	6,517	5,821	6,878	5,131	6,286	5,531	Gal/mo	**86,319**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.13	0.13	0.14	0.17	0.11	0.14	0.11	0.10	0.11	0.09	0.10	0.09	Tons/mo	**1.43**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	2.25	2.27	2.44	2.89	1.87	2.34	1.83	1.63	1.93	1.44	1.76	1.55	Tons/mo	**24.21**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.13	0.14	0.15	0.17	0.11	0.14	0.11	0.10	0.12	0.09	0.11	0.09	Tons/mo	**1.45**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.03	0.03	0.04	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	Tons/mo	**0.32**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.41	0.41	0.44	0.52	0.34	0.43	0.33	0.30	0.35	0.26	0.32	0.28	Tons/mo	**4.40**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Feb-23

Equipment	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	11.0	4.0	2.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	124.0	112.0	88.0	120.0	124.0	124.0	120.0	124.0	120.0	124.0	92.1	112.0	MSCF/mo	1.38	N/A	MMSCF/yr
HP Planned & P/P	124.0	112.0	88.0	120.0	124.0	133.0	120.0	124.0	120.0	135.0	96.1	114.0	MSCF/mo	**1.41**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	10.3	10.1	11.2	10.5	10.4	5.0	11.4	2.6	9.7	11.6	6.8	0.0	MMSCF/mo	99.61	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.6	1.5	0.9	1.1	1.6	6.1	0.0	9.3	1.8	0.1	5.3	10.7	MMSCF/mo	39.99	N/A	MMSCF/yr
Turbines @ all loads	11.9	11.7	12.1	11.6	11.9	11.1	11.4	11.8	11.5	11.7	12.1	10.7	MMSCF/mo	**139.60**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.90	11.67	12.12	11.6	11.94	11.13	11.38	11.9	11.5	11.6	11.88	10.50	MMSCF/mo	**139.11**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.00	0.00	0.00	0.00	7.33	0.08	0.00	0.00	0.06	0.02	0.00	MGal/mo	7.51	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.01	0.01	0.00	MGal/mo	0.25	N/A	MGal/yr
Turbines @ all loads	0.00	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.07	0.03	0.00	MGal/mo	**7.76**	**335**	**MGal/yr**
Turbine@<1000 KW	0.00	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.06	0.03	0.00	MGal/mo	**7.76**	**150**	**MGal/yr**
Prime Generator: G4	1.25	0.98	1.33	2.73	1.73	3.08	0.63	0.00	0.42	0.80	1.00	0.50	Hrs/mo	**14.47**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	48.00	57.00	65.00	53.00	59.00	112.00	39.00	95.00	110.00	61.00	59.00	163.00	Gal/mo	921.0	N/A	Gal/yr
South Crane	937.00	1,011.00	1,744.00	1,192.00	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	Gal/mo	18,478.0	N/A	Gal/yr
Crane Total	985.00	1,068.00	1,809.00	1,245.00	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	Gal/mo	**19,399**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.66	0.48	0.37	2.29	0.93	4.57	0.15	0.21	0.51	0.85	2.27	0.69	Hrs/mo	**107.6**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.43	1.93	2.00	3.25	2.07	2.52	1.80	1.93	2.43	2.00	2.00	2.02	Hrs/mo	**26.4**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	4,850	4,225	3,249	3,201	4,010	3,128	2,794	3,301	2,463	3,017	2,655	2,520	Gal/mo	39,413	N/A	Gal/yr
Work Boat Fuel:	3,260	4,485	7,040	3,467	4,345	3,389	3,027	3,576	2,668	3,269	2,876	2,730	Gal/mo	44,131	N/A	Gal/yr
Total Boats Fuel	8,110	8,710	10,289	6,668	8,355	6,517	5,821	6,878	5,131	6,286	5,531	5,249	Gal/mo	**83,544**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.13	0.14	0.17	0.11	0.14	0.11	0.10	0.11	0.09	0.10	0.09	0.09	Tons/mo	**1.38**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	2.27	2.44	2.89	1.87	2.34	1.83	1.63	1.93	1.44	1.76	1.55	1.47	Tons/mo	**23.43**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.14	0.15	0.17	0.11	0.14	0.11	0.10	0.12	0.09	0.11	0.09	0.09	Tons/mo	**1.40**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.03	0.04	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	Tons/mo	**0.31**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.41	0.44	0.52	0.34	0.43	0.33	0.30	0.35	0.26	0.32	0.28	0.27	Tons/mo	**4.26**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Mar-23

Equipment	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	11.0	4.0	2.0	0.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	112.0	88.0	120.0	124.0	124.0	120.0	124.0	120.0	124.0	92.1	112.0	92.0	MSCF/mo	1.35	N/A	MMSCF/yr
HP Planned & P/P	112.0	88.0	120.0	124.0	133.0	120.0	124.0	120.0	135.0	96.1	114.0	92.0	MSCF/mo	**1.38**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	10.1	11.2	10.5	10.4	5.0	11.4	2.6	9.7	11.6	6.8	0.0	9.7	MMSCF/mo	98.98	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.5	0.9	1.1	1.6	6.1	0.0	9.3	1.8	0.1	5.3	10.7	2.4	MMSCF/mo	40.77	N/A	MMSCF/yr
Turbines @ all loads	11.7	12.1	11.6	11.9	11.1	11.4	11.8	11.5	11.7	12.1	10.7	12.0	MMSCF/mo	**139.75**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.67	12.12	11.61	11.9	11.13	11.38	11.89	11.5	11.6	11.9	10.50	11.89	MMSCF/mo	**139.10**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.00	0.00	0.00	7.33	0.08	0.00	0.00	0.06	0.02	0.00	0.04	MGal/mo	7.54	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.01	0.01	0.00	0.01	MGal/mo	0.27	N/A	MGal/yr
Turbines @ all loads	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.07	0.03	0.00	0.05	MGal/mo	**7.81**	**335**	**MGal/yr**
Turbine@<1000 KW	0.01	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.06	0.03	0.00	0.06	MGal/mo	**7.82**	**150**	**MGal/yr**
Prime Generator: G4	0.98	1.33	2.73	1.73	3.08	0.63	0.00	0.42	0.80	1.00	0.50	0.50	Hrs/mo	**13.72**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	57.00	65.00	53.00	59.00	112.00	39.00	95.00	110.00	61.00	59.00	163.00	100.00	Gal/mo	973.0	N/A	Gal/yr
South Crane	1,011.00	1,744.00	1,192.00	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	Gal/mo	19,482.0	N/A	Gal/yr
Crane Total	1,068.00	1,809.00	1,245.00	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	Gal/mo	**20,455**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.48	0.37	2.29	0.93	4.57	0.15	0.21	0.51	0.85	2.27	0.69	1.46	Hrs/mo	**113.8**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	1.93	2.00	3.25	2.07	2.52	1.80	1.93	2.43	2.00	2.00	2.02	2.12	Hrs/mo	**26.1**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	4,225	3,249	3,201	4,010	3,128	2,794	3,301	2,463	3,017	2,655	2,520	3,689	Gal/mo	38,252	N/A	Gal/yr
Work Boat Fuel:	4,485	7,040	3,467	4,345	3,389	3,027	3,576	2,668	3,269	2,876	2,730	3,996	Gal/mo	44,867	N/A	Gal/yr
Total Boats Fuel	8,710	10,289	6,668	8,355	6,517	5,821	6,878	5,131	6,286	5,531	5,249	7,684	Gal/mo	**83,118**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.14	0.17	0.11	0.14	0.11	0.10	0.11	0.09	0.10	0.09	0.09	0.13	Tons/mo	**1.38**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	2.44	2.89	1.87	2.34	1.83	1.63	1.93	1.44	1.76	1.55	1.47	2.16	Tons/mo	**23.31**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.15	0.17	0.11	0.14	0.11	0.10	0.12	0.09	0.11	0.09	0.09	0.13	Tons/mo	**1.39**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.04	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	Tons/mo	**0.31**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.44	0.52	0.34	0.43	0.33	0.30	0.35	0.26	0.32	0.28	0.27	0.39	Tons/mo	**4.24**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Apr-23

Equipment	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	0.0	9.0	0.0	0.0	0.0	11.0	4.0	2.0	0.0	0.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	88.0	120.0	124.0	124.0	120.0	124.0	120.0	124.0	92.1	112.0	92.0	0.0	MSCF/mo	1.24	N/A	MMSCF/yr
HP Planned & P/P	88.0	120.0	124.0	133.0	120.0	124.0	120.0	135.0	96.1	114.0	92.0	0.0	MSCF/mo	**1.27**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	11.2	10.5	10.4	5.0	11.4	2.6	9.7	11.6	6.8	0.0	9.7	6.6	MMSCF/mo	95.46	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	0.9	1.1	1.6	6.1	0.0	9.3	1.8	0.1	5.3	10.7	2.4	3.5	MMSCF/mo	42.77	N/A	MMSCF/yr
Turbines @ all loads	12.1	11.6	11.9	11.1	11.4	11.8	11.5	11.7	12.1	10.7	12.0	10.1	MMSCF/mo	**138.23**	**850**	**MMSCF/yr**
Turbine@<1000 KW	12.12	11.61	11.94	11.1	11.38	11.89	11.54	11.6	11.9	10.5	11.89	10.02	MMSCF/mo	**137.45**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.00	0.00	7.33	0.08	0.00	0.00	0.06	0.02	0.00	0.04	9.89	MGal/mo	17.43	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.11	MGal/mo	0.37	N/A	MGal/yr
Turbines @ all loads	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.07	0.03	0.00	0.05	10.00	MGal/mo	**17.80**	**335**	**MGal/yr**
Turbine@<1000 KW	0.00	0.02	0.00	7.54	0.08	0.00	0.01	0.06	0.03	0.00	0.06	9.96	MGal/mo	**17.77**	**150**	**MGal/yr**
Prime Generator: G4	1.33	2.73	1.73	3.08	0.63	0.00	0.42	0.80	1.00	0.50	0.50	1.33	Hrs/mo	**14.07**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	65.00	53.00	59.00	112.00	39.00	95.00	110.00	61.00	59.00	163.00	100.00	103.00	Gal/mo	1,019.0	N/A	Gal/yr
South Crane	1,744.00	1,192.00	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	Gal/mo	19,765.0	N/A	Gal/yr
Crane Total	1,809.00	1,245.00	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	Gal/mo	**20,784**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.37	2.29	0.93	4.57	0.15	0.21	0.51	0.85	2.27	0.69	1.46	1.07	Hrs/mo	**118.3**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.00	3.25	2.07	2.52	1.80	1.93	2.43	2.00	2.00	2.02	2.12	2.00	Hrs/mo	**26.1**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	3,249	3,201	4,010	3,128	2,794	3,301	2,463	3,017	2,655	2,520	3,689	3,124	Gal/mo	37,151	N/A	Gal/yr
Work Boat Fuel:	7,040	3,467	4,345	3,389	3,027	3,576	2,668	3,269	2,876	2,730	3,996	3,385	Gal/mo	43,766	N/A	Gal/yr
Total Boats Fuel	10,289	6,668	8,355	6,517	5,821	6,878	5,131	6,286	5,531	5,249	7,684	6,509	Gal/mo	**80,917**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.17	0.11	0.14	0.11	0.10	0.11	0.09	0.10	0.09	0.09	0.13	0.11	Tons/mo	**1.34**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	2.89	1.87	2.34	1.83	1.63	1.93	1.44	1.76	1.55	1.47	2.16	1.83	Tons/mo	**22.70**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.17	0.11	0.14	0.11	0.10	0.12	0.09	0.11	0.09	0.09	0.13	0.11	Tons/mo	**1.36**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.04	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	Tons/mo	**0.30**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.52	0.34	0.43	0.33	0.30	0.35	0.26	0.32	0.28	0.27	0.39	0.33	Tons/mo	**4.13**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
May-23

Equipment	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	9.0	0.0	0.0	0.0	11.0	4.0	2.0	0.0	0.0	0.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	120.0	124.0	124.0	120.0	124.0	120.0	124.0	92.1	112.0	92.0	0.0	0.0	MSCF/mo	1.15	N/A	MMSCF/yr
HP Planned & P/P	120.0	124.0	133.0	120.0	124.0	120.0	135.0	96.1	114.0	92.0	0.0	0.0	MSCF/mo	**1.18**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	10.5	10.4	5.0	11.4	2.6	9.7	11.6	6.8	0.0	9.7	6.6	8.6	MMSCF/mo	92.82	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.1	1.6	6.1	0.0	9.3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	MMSCF/mo	44.65	N/A	MMSCF/yr
Turbines @ all loads	11.6	11.9	11.1	11.4	11.8	11.5	11.7	12.1	10.7	12.0	10.1	11.4	MMSCF/mo	**137.47**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.61	11.94	11.13	11.4	11.89	11.54	11.56	11.9	10.5	11.9	10.02	11.18	MMSCF/mo	**136.52**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.00	7.33	0.08	0.00	0.00	0.06	0.02	0.00	0.04	9.89	0.33	MGal/mo	17.76	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.02	0.00	0.21	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.11	0.53	MGal/mo	0.90	N/A	MGal/yr
Turbines @ all loads	0.02	0.00	7.54	0.08	0.00	0.01	0.07	0.03	0.00	0.05	10.00	0.87	MGal/mo	**18.67**	**335**	**MGal/yr**
Turbine@<1000 KW	0.02	0.00	7.54	0.08	0.00	0.01	0.06	0.03	0.00	0.06	9.96	0.88	MGal/mo	**18.65**	**150**	**MGal/yr**
Prime Generator: G4	2.73	1.73	3.08	0.63	0.00	0.42	0.80	1.00	0.50	0.50	1.33	5.70	Hrs/mo	**18.43**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	53.00	59.00	112.00	39.00	95.00	110.00	61.00	59.00	163.00	100.00	103.00	182.00	Gal/mo	1,136.0	N/A	Gal/yr
South Crane	1,192.00	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	Gal/mo	20,001.0	N/A	Gal/yr
Crane Total	1,245.00	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	Gal/mo	**21,137**	**21,339**	**Gal/yr**
Turbine Starter Engines	2.29	0.93	4.57	0.15	0.21	0.51	0.85	2.27	0.69	1.46	1.07	1.25	Hrs/mo	**125.1**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	3.25	2.07	2.52	1.80	1.93	2.43	2.00	2.00	2.02	2.12	2.00	2.35	Hrs/mo	**26.5**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	3,201	4,010	3,128	2,794	3,301	2,463	3,017	2,655	2,520	3,689	3,124	4,206	Gal/mo	38,108	N/A	Gal/yr
Work Boat Fuel:	3,467	4,345	3,389	3,027	3,576	2,668	3,269	2,876	2,730	3,996	3,385	0	Gal/mo	36,727	N/A	Gal/yr
Total Boats Fuel	6,668	8,355	6,517	5,821	6,878	5,131	6,286	5,531	5,249	7,684	6,509	4,206	Gal/mo	**74,835**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.11	0.14	0.11	0.10	0.11	0.09	0.10	0.09	0.09	0.13	0.11	0.07	Tons/mo	**1.24**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.87	2.34	1.83	1.63	1.93	1.44	1.76	1.55	1.47	2.16	1.83	1.18	Tons/mo	**20.99**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.11	0.14	0.11	0.10	0.12	0.09	0.11	0.09	0.09	0.13	0.11	0.07	Tons/mo	**1.25**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	Tons/mo	**0.28**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.34	0.43	0.33	0.30	0.35	0.26	0.32	0.28	0.27	0.39	0.33	0.21	Tons/mo	**3.82**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Jun-23

Equipment	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	9.0	0.0	0.0	0.0	11.0	4.0	2.0	0.0	0.0	0.0	0.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	124.0	124.0	120.0	124.0	120.0	124.0	92.1	112.0	92.0	0.0	0.0	0.0	MSCF/mo	1.03	N/A	MMSCF/yr
HP Planned & P/P	124.0	133.0	120.0	124.0	120.0	135.0	96.1	114.0	92.0	0.0	0.0	0.0	MSCF/mo	**1.06**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	10.4	5.0	11.4	2.6	9.7	11.6	6.8	0.0	9.7	6.6	8.6	7.9	MMSCF/mo	90.20	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.6	6.1	0.0	9.3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	3.1	MMSCF/mo	46.64	N/A	MMSCF/yr
Turbines @ all loads	11.9	11.1	11.4	11.8	11.5	11.7	12.1	10.7	12.0	10.1	11.4	11.0	MMSCF/mo	**136.83**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.94	11.13	11.38	11.9	11.54	11.56	11.88	10.5	11.9	10.0	11.18	10.80	MMSCF/mo	**135.71**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	7.33	0.08	0.00	0.00	0.06	0.02	0.00	0.04	9.89	0.33	0.05	MGal/mo	17.81	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.21	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.11	0.53	0.08	MGal/mo	0.96	N/A	MGal/yr
Turbines @ all loads	0.00	7.54	0.08	0.00	0.01	0.07	0.03	0.00	0.05	10.00	0.87	0.13	MGal/mo	**18.78**	**335**	**MGal/yr**
Turbine@<1000 KW	0.00	7.54	0.08	0.00	0.01	0.06	0.03	0.00	0.06	9.96	0.88	0.12	MGal/mo	**18.75**	**150**	**MGal/yr**
Prime Generator: G4	1.73	3.08	0.63	0.00	0.42	0.80	1.00	0.50	0.50	1.33	5.70	5.57	Hrs/mo	**21.27**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	59.00	112.00	39.00	95.00	110.00	61.00	59.00	163.00	100.00	103.00	182.00	505.00	Gal/mo	1,588.0	N/A	Gal/yr
South Crane	1,241.00	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	Gal/mo	20,910.0	N/A	Gal/yr
Crane Total	1,300.00	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	Gal/mo	**22,498**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.93	4.57	0.15	0.21	0.51	0.85	2.27	0.69	1.46	1.07	1.25	1.26	Hrs/mo	**117.2**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.07	2.52	1.80	1.93	2.43	2.00	2.00	2.02	2.12	2.00	2.35	1.97	Hrs/mo	**25.2**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	4,010	3,128	2,794	3,301	2,463	3,017	2,655	2,520	3,689	3,124	4,206	4,842	Gal/mo	39,749	N/A	Gal/yr
Work Boat Fuel:	4,345	3,389	3,027	3,576	2,668	3,269	2,876	2,730	3,996	3,385	0	2,412	Gal/mo	35,671	N/A	Gal/yr
Total Boats Fuel	8,355	6,517	5,821	6,878	5,131	6,286	5,531	5,249	7,684	6,509	4,206	7,254	Gal/mo	**75,420**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.14	0.11	0.10	0.11	0.09	0.10	0.09	0.09	0.13	0.11	0.07	0.12	Tons/mo	**1.25**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	2.34	1.83	1.63	1.93	1.44	1.76	1.55	1.47	2.16	1.83	1.18	2.03	Tons/mo	**21.16**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.14	0.11	0.10	0.12	0.09	0.11	0.09	0.09	0.13	0.11	0.07	0.12	Tons/mo	**1.26**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	Tons/mo	**0.28**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.43	0.33	0.30	0.35	0.26	0.32	0.28	0.27	0.39	0.33	0.21	0.37	Tons/mo	**3.85**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Jul-23

Equipment	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	9.0	0.0	0.0	0.0	11.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.03	N/A	MMSCF/yr
HP Pilot/Purge	124.0	120.0	124.0	120.0	124.0	92.1	112.0	92.0	0.0	0.0	0.0	0.0	MSCF/mo	0.91	N/A	MMSCF/yr
HP Planned & P/P	133.0	120.0	124.0	120.0	135.0	96.1	114.0	92.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.93**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	5.0	11.4	2.6	9.7	11.6	6.8	0.0	9.7	6.6	8.6	7.9	1.0	MMSCF/mo	80.84	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	6.1	0.0	9.3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	3.1	10.7	MMSCF/mo	55.72	N/A	MMSCF/yr
Turbines @ all loads	11.1	11.4	11.8	11.5	11.7	12.1	10.7	12.0	10.1	11.4	11.0	11.7	MMSCF/mo	**136.56**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.13	11.38	11.89	11.5	11.56	11.88	10.50	11.9	10.0	11.2	10.80	11.49	MMSCF/mo	**135.26**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	7.33	0.08	0.00	0.00	0.06	0.02	0.00	0.04	9.89	0.33	0.05	0.01	MGal/mo	17.82	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.21	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.11	0.53	0.08	0.02	MGal/mo	0.98	N/A	MGal/yr
Turbines @ all loads	7.54	0.08	0.00	0.01	0.07	0.03	0.00	0.05	10.00	0.87	0.13	0.03	MGal/mo	**18.80**	**335**	**MGal/yr**
Turbine@<1000 KW	7.54	0.08	0.00	0.01	0.06	0.03	0.00	0.06	9.96	0.88	0.12	0.04	MGal/mo	**18.78**	**150**	**MGal/yr**
Prime Generator: G4	3.08	0.63	0.00	0.42	0.80	1.00	0.50	0.50	1.33	5.70	5.57	1.62	Hrs/mo	**21.15**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	112.00	39.00	95.00	110.00	61.00	59.00	163.00	100.00	103.00	182.00	505.00	606.00	Gal/mo	2,135.0	N/A	Gal/yr
South Crane	2,344.00	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	Gal/mo	22,384.0	N/A	Gal/yr
Crane Total	2,456.00	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	Gal/mo	**24,519**	**21,339**	**Gal/yr**
Turbine Starter Engines	4.57	0.15	0.21	0.51	0.85	2.27	0.69	1.46	1.07	1.25	1.26	1.11	Hrs/mo	**118.6**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.52	1.80	1.93	2.43	2.00	2.00	2.02	2.12	2.00	2.35	1.97	2.42	Hrs/mo	**25.6**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	3,128	2,794	3,301	2,463	3,017	2,655	2,520	3,689	3,124	4,206	4,842	3,756	Gal/mo	39,495	N/A	Gal/yr
Work Boat Fuel:	3,389	3,027	3,576	2,668	3,269	2,876	2,730	3,996	3,385	0	2,412	1,805	Gal/mo	33,132	N/A	Gal/yr
Total Boats Fuel	6,517	5,821	6,878	5,131	6,286	5,531	5,249	7,684	6,509	4,206	7,254	5,562	Gal/mo	**72,627**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.11	0.10	0.11	0.09	0.10	0.09	0.09	0.13	0.11	0.07	0.12	0.09	Tons/mo	**1.20**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.83	1.63	1.93	1.44	1.76	1.55	1.47	2.16	1.83	1.18	2.03	1.56	Tons/mo	**20.37**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.11	0.10	0.12	0.09	0.11	0.09	0.09	0.13	0.11	0.07	0.12	0.09	Tons/mo	**1.22**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	Tons/mo	**0.27**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.33	0.30	0.35	0.26	0.32	0.28	0.27	0.39	0.33	0.21	0.37	0.28	Tons/mo	**3.70**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Aug-23

Equipment	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	0.0	11.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.02	N/A	MMSCF/yr
HP Pilot/Purge	120.0	124.0	120.0	124.0	92.1	112.0	92.0	0.0	0.0	0.0	0.0	6.0	MSCF/mo	0.79	N/A	MMSCF/yr
HP Planned & P/P	120.0	124.0	120.0	135.0	96.1	114.0	92.0	0.0	0.0	0.0	0.0	6.0	MSCF/mo	**0.81**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	11.4	2.6	9.7	11.6	6.8	0.0	9.7	6.6	8.6	7.9	1.0	7.4	MMSCF/mo	83.26	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	0.0	9.3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	3.1	10.7	4.1	MMSCF/mo	53.70	N/A	MMSCF/yr
Turbines @ all loads	11.4	11.8	11.5	11.7	12.1	10.7	12.0	10.1	11.4	11.0	11.7	11.5	MMSCF/mo	**136.96**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.38	11.89	11.54	11.6	11.88	10.50	11.89	10.0	11.2	10.8	11.49	11.32	MMSCF/mo	**135.44**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.08	0.00	0.00	0.06	0.02	0.00	0.04	9.89	0.33	0.05	0.01	0.01	MGal/mo	10.50	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.11	0.53	0.08	0.02	0.01	MGal/mo	0.78	N/A	MGal/yr
Turbines @ all loads	0.08	0.00	0.01	0.07	0.03	0.00	0.05	10.00	0.87	0.13	0.03	0.02	MGal/mo	**11.28**	**335**	**MGal/yr**
Turbine@<1000 KW	0.08	0.00	0.01	0.06	0.03	0.00	0.06	9.96	0.88	0.12	0.04	0.02	MGal/mo	**11.26**	**150**	**MGal/yr**
Prime Generator: G4	0.63	0.00	0.42	0.80	1.00	0.50	0.50	1.33	5.70	5.57	1.62	1.42	Hrs/mo	**19.48**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	39.00	95.00	110.00	61.00	59.00	163.00	100.00	103.00	182.00	505.00	606.00	492.00	Gal/mo	2,515.0	N/A	Gal/yr
South Crane	1,833.00	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	2,026.00	Gal/mo	22,066.0	N/A	Gal/yr
Crane Total	1,872.00	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	2,518.00	Gal/mo	**24,581**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.15	0.21	0.51	0.85	2.27	0.69	1.46	1.07	1.25	1.26	1.11	0.93	Hrs/mo	**90.6**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	1.80	1.93	2.43	2.00	2.00	2.02	2.12	2.00	2.35	1.97	2.42	2.67	Hrs/mo	**25.7**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	2,794	3,301	2,463	3,017	2,655	2,520	3,689	3,124	4,206	4,842	3,756	2,108	Gal/mo	38,475	N/A	Gal/yr
Work Boat Fuel:	3,027	3,576	2,668	3,269	2,876	2,730	3,996	3,385	0	2,412	1,805	2,284	Gal/mo	32,027	N/A	Gal/yr
Total Boats Fuel	5,821	6,878	5,131	6,286	5,531	5,249	7,684	6,509	4,206	7,254	5,562	4,392	Gal/mo	**70,502**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.10	0.11	0.09	0.10	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	Tons/mo	**1.17**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.63	1.93	1.44	1.76	1.55	1.47	2.16	1.83	1.18	2.03	1.56	1.23	Tons/mo	**19.78**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.10	0.12	0.09	0.11	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	Tons/mo	**1.18**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	Tons/mo	**0.26**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.30	0.35	0.26	0.32	0.28	0.27	0.39	0.33	0.21	0.37	0.28	0.22	Tons/mo	**3.60**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Sep-23

Equipment	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	11.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.02	N/A	MMSCF/yr
HP Pilot/Purge	124.0	120.0	124.0	92.1	112.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	MSCF/mo	0.76	N/A	MMSCF/yr
HP Planned & P/P	124.0	120.0	135.0	96.1	114.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	MSCF/mo	**0.78**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	2.6	9.7	11.6	6.8	0.0	9.7	6.6	8.6	7.9	1.0	7.4	11.2	MMSCF/mo	83.07	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	9.3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	3.1	10.7	4.1	0.0	MMSCF/mo	53.70	N/A	MMSCF/yr
Turbines @ all loads	11.8	11.5	11.7	12.1	10.7	12.0	10.1	11.4	11.0	11.7	11.5	11.2	MMSCF/mo	**136.78**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.89	11.54	11.56	11.9	10.50	11.89	10.02	11.2	10.8	11.5	11.32	11.05	MMSCF/mo	**135.12**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.00	0.06	0.02	0.00	0.04	9.89	0.33	0.05	0.01	0.01	0.01	MGal/mo	10.43	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.01	0.01	0.00	0.01	0.11	0.53	0.08	0.02	0.01	0.00	MGal/mo	0.78	N/A	MGal/yr
Turbines @ all loads	0.00	0.01	0.07	0.03	0.00	0.05	10.00	0.87	0.13	0.03	0.02	0.01	MGal/mo	**11.21**	**335**	**MGal/yr**
Turbine@<1000 KW	0.00	0.01	0.06	0.03	0.00	0.06	9.96	0.88	0.12	0.04	0.02	0.01	MGal/mo	**11.19**	**150**	**MGal/yr**
Prime Generator: G4	0.00	0.42	0.80	1.00	0.50	0.50	1.33	5.70	5.57	1.62	1.42	38.58	Hrs/mo	**57.43**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	95.00	110.00	61.00	59.00	163.00	100.00	103.00	182.00	505.00	606.00	492.00	89.00	Gal/mo	2,565.0	N/A	Gal/yr
South Crane	1,708.00	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	2,026.00	949.00	Gal/mo	21,182.0	N/A	Gal/yr
Crane Total	1,803.00	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	2,518.00	1,038.00	Gal/mo	**23,747**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.21	0.51	0.85	2.27	0.69	1.46	1.07	1.25	1.26	1.11	0.93	0.00	Hrs/mo	**89.4**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	1.93	2.43	2.00	2.00	2.02	2.12	2.00	2.35	1.97	2.42	2.67	1.83	Hrs/mo	**25.7**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	3,301	2,463	3,017	2,655	2,520	3,689	3,124	4,206	4,842	3,756	2,108	3,112	Gal/mo	38,793	N/A	Gal/yr
Work Boat Fuel:	3,576	2,668	3,269	2,876	2,730	3,996	3,385	0	2,412	1,805	2,284	3,371	Gal/mo	32,371	N/A	Gal/yr
Total Boats Fuel	6,878	5,131	6,286	5,531	5,249	7,684	6,509	4,206	7,254	5,562	4,392	6,483	Gal/mo	**71,164**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.11	0.09	0.10	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	Tons/mo	**1.18**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.93	1.44	1.76	1.55	1.47	2.16	1.83	1.18	2.03	1.56	1.23	1.82	Tons/mo	**19.96**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.12	0.09	0.11	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	Tons/mo	**1.19**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	Tons/mo	**0.27**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.35	0.26	0.32	0.28	0.27	0.39	0.33	0.21	0.37	0.28	0.22	0.33	Tons/mo	**3.63**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Oct-23

Equipment	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	11.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,131.0	MSCF/mo	1.15	N/A	MMSCF/yr
HP Pilot/Purge	120.0	124.0	92.1	112.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	92.1	MSCF/mo	0.73	N/A	MMSCF/yr
HP Planned & P/P	120.0	135.0	96.1	114.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	1,223.1	MSCF/mo	**1.88**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	9.7	11.6	6.8	0.0	9.7	6.6	8.6	7.9	1.0	7.4	11.2	3.4	MMSCF/mo	83.95	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	1.8	0.1	5.3	10.7	2.4	3.5	2.8	3.1	10.7	4.1	0.0	0.0	MMSCF/mo	44.40	N/A	MMSCF/yr
Turbines @ all loads	11.5	11.7	12.1	10.7	12.0	10.1	11.4	11.0	11.7	11.5	11.2	3.4	MMSCF/mo	**128.36**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.54	11.56	11.88	10.5	11.89	10.02	11.18	10.8	11.5	11.3	11.05	3.39	MMSCF/mo	**126.62**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.00	0.06	0.02	0.00	0.04	9.89	0.33	0.05	0.01	0.01	0.01	0.88	MGal/mo	11.31	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.01	0.01	0.00	0.01	0.11	0.53	0.08	0.02	0.01	0.00	0.00	MGal/mo	0.78	N/A	MGal/yr
Turbines @ all loads	0.01	0.07	0.03	0.00	0.05	10.00	0.87	0.13	0.03	0.02	0.01	0.88	MGal/mo	**12.09**	**335**	**MGal/yr**
Turbine@<1000 KW	0.01	0.06	0.03	0.00	0.06	9.96	0.88	0.12	0.04	0.02	0.01	0.87	MGal/mo	**12.06**	**150**	**MGal/yr**
Prime Generator: G4	0.42	0.80	1.00	0.50	0.50	1.33	5.70	5.57	1.62	1.42	38.58	35.75	Hrs/mo	**93.18**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	110.00	61.00	59.00	163.00	100.00	103.00	182.00	505.00	606.00	492.00	89.00	63.00	Gal/mo	2,533.0	N/A	Gal/yr
South Crane	1,362.00	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	2,026.00	949.00	657.00	Gal/mo	20,131.0	N/A	Gal/yr
Crane Total	1,472.00	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	2,518.00	1,038.00	720.00	Gal/mo	**22,664**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.51	0.85	2.27	0.69	1.46	1.07	1.25	1.26	1.11	0.93	0.00	0.15	Hrs/mo	**88.9**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.43	2.00	2.00	2.02	2.12	2.00	2.35	1.97	2.42	2.67	1.83	1.50	Hrs/mo	**25.3**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	2,463	3,017	2,655	2,520	3,689	3,124	4,206	4,842	3,756	2,108	3,112	2,303	Gal/mo	37,794	N/A	Gal/yr
Work Boat Fuel:	2,668	3,269	2,876	2,730	3,996	3,385	0	2,412	1,805	2,284	3,371	2,494	Gal/mo	31,289	N/A	Gal/yr
Total Boats Fuel	5,131	6,286	5,531	5,249	7,684	6,509	4,206	7,254	5,562	4,392	6,483	4,797	Gal/mo	**69,083**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.09	0.10	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	Tons/mo	**1.15**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.44	1.76	1.55	1.47	2.16	1.83	1.18	2.03	1.56	1.23	1.82	1.35	Tons/mo	**19.38**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.09	0.11	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	Tons/mo	**1.16**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	Tons/mo	**0.26**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.26	0.32	0.28	0.27	0.39	0.33	0.21	0.37	0.28	0.22	0.33	0.24	Tons/mo	**3.52**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Nov-23

Equipment	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	11.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,131.0	0.0	MSCF/mo	1.15	N/A	MMSCF/yr
HP Pilot/Purge	124.0	92.1	112.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	92.1	0.0	MSCF/mo	0.61	N/A	MMSCF/yr
HP Planned & P/P	135.0	96.1	114.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	1,223.1	0.0	MSCF/mo	**1.76**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	11.6	6.8	0.0	9.7	6.6	8.6	7.9	1.0	7.4	11.2	3.4	0.0	MMSCF/mo	74.23	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	0.1	5.3	10.7	2.4	3.5	2.8	3.1	10.7	4.1	0.0	0.0	0.0	MMSCF/mo	42.60	N/A	MMSCF/yr
Turbines @ all loads	11.7	12.1	10.7	12.0	10.1	11.4	11.0	11.7	11.5	11.2	3.4	0.0	MMSCF/mo	**116.83**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.56	11.88	10.50	11.9	10.02	11.18	10.80	11.5	11.3	11.1	3.39	0.00	MMSCF/mo	**115.08**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.06	0.02	0.00	0.04	9.89	0.33	0.05	0.01	0.01	0.01	0.88	0.00	MGal/mo	11.30	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.01	0.01	0.00	0.01	0.11	0.53	0.08	0.02	0.01	0.00	0.00	0.00	MGal/mo	0.78	N/A	MGal/yr
Turbines @ all loads	0.07	0.03	0.00	0.05	10.00	0.87	0.13	0.03	0.02	0.01	0.88	0.00	MGal/mo	**12.08**	**335**	**MGal/yr**
Turbine@<1000 KW	0.06	0.03	0.00	0.06	9.96	0.88	0.12	0.04	0.02	0.01	0.87	0.00	MGal/mo	**12.05**	**150**	**MGal/yr**
Prime Generator: G4	0.80	1.00	0.50	0.50	1.33	5.70	5.57	1.62	1.42	38.58	35.75	0.00	Hrs/mo	**92.77**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	61.00	59.00	163.00	100.00	103.00	182.00	505.00	606.00	492.00	89.00	63.00	128.70	Gal/mo	2,551.7	N/A	Gal/yr
South Crane	1,678.00	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	2,026.00	949.00	657.00	455.00	Gal/mo	19,224.0	N/A	Gal/yr
Crane Total	1,739.00	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	2,518.00	1,038.00	720.00	583.70	Gal/mo	**21,776**	**21,339**	**Gal/yr**
Turbine Starter Engines	0.85	2.27	0.69	1.46	1.07	1.25	1.26	1.11	0.93	0.00	0.15	0.00	Hrs/mo	**85.0**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.00	2.00	2.02	2.12	2.00	2.35	1.97	2.42	2.67	1.83	1.50	0.00	Hrs/mo	**22.9**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	3,017	2,655	2,520	3,689	3,124	4,206	4,842	3,756	2,108	3,112	2,303	2,200	Gal/mo	37,531	N/A	Gal/yr
Work Boat Fuel:	3,269	2,876	2,730	3,996	3,385	0	2,412	1,805	2,284	3,371	2,494	2,237	Gal/mo	30,858	N/A	Gal/yr
Total Boats Fuel	6,286	5,531	5,249	7,684	6,509	4,206	7,254	5,562	4,392	6,483	4,797	4,437	Gal/mo	**68,389**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.10	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	0.07	Tons/mo	**1.13**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.76	1.55	1.47	2.16	1.83	1.18	2.03	1.56	1.23	1.82	1.35	1.24	Tons/mo	**19.18**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.11	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	0.07	Tons/mo	**1.15**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	Tons/mo	**0.26**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.32	0.28	0.27	0.39	0.33	0.21	0.37	0.28	0.22	0.33	0.24	0.23	Tons/mo	**3.49**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Dec-23

Equipment	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,131.0	0.0	0.0	MSCF/mo	1.14	N/A	MMSCF/yr
HP Pilot/Purge	92.1	112.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	92.1	0.0	0.0	MSCF/mo	0.48	N/A	MMSCF/yr
HP Planned & P/P	96.1	114.0	92.0	0.0	0.0	0.0	0.0	6.0	89.1	1,223.1	0.0	0.0	MSCF/mo	**1.62**	**4.9**	**MMSCF/yr**
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	**0.00**	**2.31**	**MMSCF/yr**
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	6.8	0.0	9.7	6.6	8.6	7.9	1.0	7.4	11.2	3.4	0.0	0.0	MMSCF/mo	62.58	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	5.3	10.7	2.4	3.5	2.8	3.1	10.7	4.1	0.0	0.0	0.0	0.0	MMSCF/mo	42.50	N/A	MMSCF/yr
Turbines @ all loads	12.1	10.7	12.0	10.1	11.4	11.0	11.7	11.5	11.2	3.4	0.0	0.0	MMSCF/mo	**105.08**	**850**	**MMSCF/yr**
Turbine@<1000 KW	11.88	10.50	11.89	10.0	11.18	10.80	11.49	11.3	11.1	3.4	0.00	0.00	MMSCF/mo	**103.51**	**250**	**MMSCF/yr**
Diesel Use:																
Turbines: G1	0.02	0.00	0.04	9.89	0.33	0.05	0.01	0.01	0.01	0.88	0.00	0.00	MGal/mo	11.24	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.01	0.00	0.01	0.11	0.53	0.08	0.02	0.01	0.00	0.00	0.00	0.00	MGal/mo	0.77	N/A	MGal/yr
Turbines @ all loads	0.03	0.00	0.05	10.00	0.87	0.13	0.03	0.02	0.01	0.88	0.00	0.00	MGal/mo	**12.02**	**335**	**MGal/yr**
Turbine@<1000 KW	0.03	0.00	0.06	9.96	0.88	0.12	0.04	0.02	0.01	0.87	0.00	0.00	MGal/mo	**11.99**	**150**	**MGal/yr**
Prime Generator: G4	1.00	0.50	0.50	1.33	5.70	5.57	1.62	1.42	38.58	35.75	0.00	0.00	Hrs/mo	**91.97**	**8,760**	**Hrs/yr**
Backup Generator													Hrs/mo	**0.00**	**1,314**	**Hrs/yr**
North Crane	59.00	163.00	100.00	103.00	182.00	505.00	606.00	492.00	89.00	63.00	128.70	6.60	Gal/mo	2,497.3	N/A	Gal/yr
South Crane	1,627.00	1,801.00	1,941.00	1,294.00	1,980.00	2,101.00	2,715.00	2,026.00	949.00	657.00	455.00	20.00	Gal/mo	17,566.0	N/A	Gal/yr
Crane Total	1,686.00	1,964.00	2,041.00	1,397.00	2,162.00	2,606.00	3,321.00	2,518.00	1,038.00	720.00	583.70	26.60	Gal/mo	**20,063**	**21,339**	**Gal/yr**
Turbine Starter Engines	2.27	0.69	1.46	1.07	1.25	1.26	1.11	0.93	0.00	0.15	0.00	0.00	Hrs/mo	**78.5**	**960**	**Gal/yr at 7.7 gal/hr**
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	**0.0**	**1,406**	**Gal/yr**
P-18 -Em FW Pump	2.00	2.02	2.12	2.00	2.35	1.97	2.42	2.67	1.83	1.50	0.00	0.00	Hrs/mo	**20.9**	**50**	**Hrs/yr**
Tank Throughputs:																
V-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.0	N/A	Bbls/yr
Produced Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Solvent Usage																
Envirosol 2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lb/gal
Sigma Thinner 90-53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lb/gal
Carboline Thinner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent Total													Gal/mo	**0.000**	**9.59**	**Tons/yr ROC**
Coatings Total	0.00												Gal/mo	**0.00**	**N/A**	**Gal/yr**
Boats:																
Crew Boat Fuel:	2,655	2,520	3,689	3,124	4,206	4,842	3,756	2,108	3,112	2,303	2,200	135	Gal/mo	34,649	N/A	Gal/yr
Work Boat Fuel:	2,876	2,730	3,996	3,385	0	2,412	1,805	2,284	3,371	2,494	2,237	0	Gal/mo	27,589	N/A	Gal/yr
Total Boats Fuel	5,531	5,249	7,684	6,509	4,206	7,254	5,562	4,392	6,483	4,797	4,437	135	Gal/mo	**62,238**	**353,100**	**Gal/yr**
Boat Emissions																
ROC	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	0.07	0.00	Tons/mo	**1.03**	**2.77**	**Tons/yr at 33.15 lbs/MGal**
NOx	1.55	1.47	2.16	1.83	1.18	2.03	1.56	1.23	1.82	1.35	1.24	0.04	Tons/mo	**17.46**	**46.87**	**Tons/yr at 561.00 lbs/MGal**
PM	0.09	0.09	0.13	0.11	0.07	0.12	0.09	0.07	0.11	0.08	0.07	0.00	Tons/mo	**1.04**	**2.80**	**Tons/yr at 33.50 lbs/MGal**
SOx	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.00	Tons/mo	**0.23**	**0.63**	**Tons/yr at 7.50 lbs/MGal**
CO	0.28	0.27	0.39	0.33	0.21	0.37	0.28	0.22	0.33	0.24	0.23	0.01	Tons/mo	**3.17**	**8.52**	**Tons/yr at 102.00 lbs/MGal**

Beacon West - Carpinteria	Project: Platform Gail	WO & Reported:
5675 Carpinteria Ave.	Project Number: Annual ROC Gail/Grace	2309114
Carpinteria CA, 93013	Project Manager: John Garnett	11/26/2023 10:44

Analytical Report for Samples

Sample ID : **Grace T-13 0112201 I**
Matrix : Water
Lab ID : 2309114-01
Sampled : 11/14/23 09:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 17:28	EPA 8260B Mod.	TPH-Samp
Surrogate: Dibromofluoromethane		*107 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*102 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*(76 - 121)*		"	"	"	

Sample ID : **Grace T-13 0112201 I**
Matrix : Water
Lab ID : 2309114-02
Sampled : 11/14/23 09:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 17:53	EPA 8260B Mod.	TPH-Samp
Surrogate: Dibromofluoromethane		*105 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*101 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*(76 - 121)*		"	"	"	

Sample ID : **Grace T-13 0112201 I**
Matrix : Water
Lab ID : 2309114-03
Sampled : 11/14/23 09:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 18:18	EPA 8260B Mod.	TPH-Samp
Surrogate: Dibromofluoromethane		*105 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*101 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*(76 - 121)*		"	"	"	

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Beacon West - Carpinteria	Project: Platform Gail	WO & Reported:
5675 Carpinteria Ave.	Project Number: Annual ROC Gail/Grace	2309114
Carpinteria CA, 93013	Project Manager: John Garnett	11/26/2023 10:44

Analytical Report for Samples

Sample ID : **Gail T-3 0112201 I**
Matrix : Water
Lab ID : 2309114-04

Sampled : 11/14/23 07:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 18:43	EPA 8260B Mod.	TPH-Samp
Surrogate: Dibromofluoromethane		*102 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*102 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*(76 - 121)*		"	"	"	

Sample ID : **Gail T-3 0112201 I**
Matrix : Water
Lab ID : 2309114-05

Sampled : 11/14/23 07:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 19:08	EPA 8260B Mod.	CCFL
Surrogate: Dibromofluoromethane		*106 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*103 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*(76 - 121)*		"	"	"	

Sample ID : **Gail T-3 0112201 I**
Matrix : Water
Lab ID : 2309114-06

Sampled : 11/14/23 07:15
Sampled by :
Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
ROC Volatile by GC/MS								R-02
ROC (C3-C10)	ND	1000	ug/L	20	B3K0660	11/18/23 19:34	EPA 8260B Mod.	TPH-Samp
Surrogate: Dibromofluoromethane		*107 %*	*(82 - 123)*		"	"	"	
Surrogate: Toluene-d8		*101 %*	*(77 - 118)*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*(76 - 121)*		"	"	"	

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Beacon West - Carpinteria	Project: Platform Gail	WO & Reported:
5675 Carpinteria Ave.	Project Number: Annual ROC Gail/Grace	2309114
Carpinteria CA, 93013	Project Manager: John Garnett	11/26/2023 10:44

ROC Volatile by GC/MS - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3K0660 - EPA 8260B Mod. Preparation: EPA 5030B VOCGCMS 11/18/23 11:00										
Blank (B3K0660-BLK1)			Analyzed: 11/18/23 14:04							
ROC (C3-C10)	ND	50	ug/L							TPH-Samp
Surrogate: Dibromofluoromethane		*12.7*	"	*12.5*		*102*	*82-123*			
Surrogate: Toluene-d8		*12.2*	"	*12.5*		*98*	*77-118*			
Surrogate: 4-Bromofluorobenzene		*12.9*	"	*12.5*		*103*	*76-121*			
LCS (B3K0660-BS2)			Analyzed: 11/18/23 13:13							
ROC (C3-C10)	464	50	ug/L	500		93	29-147			TPH-QC
Surrogate: Dibromofluoromethane		*12.9*	"	*12.5*		*103*	*82-123*			
Surrogate: Toluene-d8		*13.8*	"	*12.5*		*110*	*77-118*			
Surrogate: 4-Bromofluorobenzene		*13.2*	"	*12.5*		*106*	*76-121*			
LCS Dup (B3K0660-BSD2)			Analyzed: 11/18/23 13:38							
ROC (C3-C10)	313	50	ug/L	500		63	29-147	39	20	QR-02, TPH-QC
Surrogate: Dibromofluoromethane		*13.2*	"	*12.5*		*105*	*82-123*			
Surrogate: Toluene-d8		*13.8*	"	*12.5*		*110*	*77-118*			
Surrogate: 4-Bromofluorobenzene		*12.9*	"	*12.5*		*104*	*76-121*			
Duplicate (B3K0660-DUP1)	**Source: 2309122-01**		Analyzed: 11/18/23 20:24							
ROC (C3-C10)	465	1000	ug/L		590			24	20	QR-05, TPH-Samp
Surrogate: Dibromofluoromethane		*13.1*	"	*12.5*		*105*	*82-123*			
Surrogate: Toluene-d8		*13.0*	"	*12.5*		*104*	*77-118*			
Surrogate: 4-Bromofluorobenzene		*13.2*	"	*12.5*		*106*	*76-121*			
Matrix Spike (B3K0660-MS2)	**Source: 2309136-02**		Analyzed: 11/18/23 21:40							
ROC (C3-C10)	391	50	ug/L	500	ND	78	70-130			TPH-QC
Surrogate: Dibromofluoromethane		*13.0*	"	*12.5*		*104*	*82-123*			
Surrogate: Toluene-d8		*13.7*	"	*12.5*		*109*	*77-118*			
Surrogate: 4-Bromofluorobenzene		*13.0*	"	*12.5*		*104*	*76-121*			

Sample Method Summary

Analysis	Method	Matrix	Laboratory & Certification
ROC Volatile by GC/MS			
8260M ROC (C3-C10)	EPA 8260B Mod.	Water	OEC, Internal 2010 Preisker Lane Ste F Santa Maria, CA 93454

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Letter of Conformance

February 4, 2024

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to Beacon West Energy Group for Platform Gail & Platform Grace.

is in compliance with California Air Resources Board requirements for Ventura County. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by SC Fuels. The sulfur Content is guaranteed to be less than .0015%. (15PPM) The high heat content is typically in the 19,950-20,200 BTU per pound range.

Terri Merritt

Account Manager
SC Fuels
Oxnard Division
Office (805)299-1217
merrittt@scfuels.com

OPACITY ANNUAL FORMAL SURVEY REPORT

PLATFORM GAIL

2023

Operator's Initials	Date	Time	Emissions Unit	Were there any visible emissions? Please check one: Yes	No	Out of Service at Time Survey was Performed	If yes, did the emissions last for a period or periods aggregating more than three (3) minutes in any one (1) hour? Please check one: Yes (Include No. of Minutes)	No
			High Pressure Flare			Not Running		
			Low Pressure Flare			Not Running		
JBG	8/30/2023	1015	Turbine Generator (G-1)		X			
			Turbine Generator (G-2)			Not Running		
	8/30/2023	1245	Turbine Generator (G-3)		X			
			Back-up Generator (G-4)			Not Running		
			Turbine Starter Engine (1)			Not Running		
			Turbine Starter Engine (2)			Not Running		
			Turbine Starter Engine (3)			Not Running		
JBG	8/30/2023	726 am	South Crane		X			
			North Crane			Not Running		
			Boom Boat			Not Running		
JBG	8/30/2023	1115 am	Crew Boat		X			
			Work Boat			Not Running		
			Emergency Fire Water Pump			Not Running		
			Onan Diesel Logging Unit			Not Running		
			Duetz Diesel Slickline Unit			Not Running		
			Abrasive Blasting Operations			Not Running		