



February 15, 2023

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 2022 through December 2022:

- 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 a quantifiable emission rates (Stationary Gas Turbines G-01 and G-03. G-02 did not operate in 2021 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,

A handwritten signature in blue ink, appearing to read "John Garnett", is written over a light blue horizontal line.

John Garnett
EHSR Advisor

Attach.

Cc: Gerardo Rios, EPA Region IX

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM

Cover Sheet

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Gerardo Rios
Permits Office (AIR-3)
Office of Air Division
EPA Region IX
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.

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| Signature and Title of Responsible Official:  | Date: |
| Title: Chief Compliance Officer | 2/7/2023 |

Time Period Covered by Compliance Certification:
01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

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| <p>A. Attachment # or Permit Condition #: <u>71.1N1</u></p> | <p>D. Frequency of monitoring: Periodic</p> |
| <p>B. Description: Tanks that are equipped with vapor recovery.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>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</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>71.1N6</u></p> | <p>D. Frequency of monitoring: Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>71.5N1</u></p> | <p>D. Frequency of monitoring: Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |

C. Method of monitoring:

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.

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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| <p>A. Attachment # or Permit Condition #: <u>74.9N8</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.</p> | <p>Periodic</p> |
| <p>C. Method of monitoring: Records containing data for each engine verifying the manufacturer's specified maximum hourly fuel consumption, data specifying the actual annual 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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>74.9N9</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Stationary diesel-fired internal combustion engines used to power cranes and welding equipment</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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

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| <p>C. Method of monitoring: 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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |
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| <p>A. Attachment # or Permit Condition #: <u>74.23N2/1494</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>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.</p> | <p>Continuous, Annually</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>NSPS GG</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>Standards of performance, NO_x limits, and SO₂ limits, limits of sulfur content of fuel, continuous monitoring requirements for stationary gas turbines.</p> | <p>Continuous</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |



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| <p>A. Attachment # or Permit Condition #: <u>PO1494PC1 Condition No. 2</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Platform Gail Additional Requirements - Maximum number of oil wells (30).</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> |
| | <p>G. Compliance Status? (C or I): <u>C</u></p> |
| | <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>PO1494PC1 Condition No. 3</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Platform Gail Additional Requirements - BACT requirements for well operations.</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> |
| | <p>G. Compliance Status? (C or I): <u>C</u></p> |
| | <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>PO1494PC1 Condition No. 4</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>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.</p> | <p>Periodic</p> |
| | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |

C. Method of monitoring:

Records of certifications from the fuel supplier documenting the sulfur content of each diesel 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



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| <p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 5</p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>Platform Gail Additional Requirements - Crew boat and work boat emission limits</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 6, 7, and 8</p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>Platform Gail Additional Requirements - Crew boat and work boat permitted engines</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 9</p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>Platform Gail Additional Requirements - Solvent Recordkeeping</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |



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| <p>A. Attachment # or Permit Condition #: PO1494PC2 Conditions 1, 2& 5</p> | <p>D. Frequency of monitoring:</p> <p>Continuous</p> |
| <p>B. Description: Flare fuel consumption</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: PO1494PC2 Conditions 3 & 4</p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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

C. Method of monitoring:

Annual compliance certification that the 7.07 square foot deck drain pit (T-21) acts as a containment berm.

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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| <p>A. Attachment # or Permit Condition #: PO1494PC4</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>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.</p> | <p>Periodic</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: 50</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>Opacity requirements</p> | <p>Periodic</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #:</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> | |
| | <p>E.</p> |



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| <p>A. Attachment # or Permit Condition #: <u>54.B.1 (OCS)</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>Sulfur Compounds – Sulfur emission concentration requirements at point of discharge</p> | <p>Periodic</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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| <p>A. Attachment # or Permit Condition #: <u>54.B.2 (OCS)</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description:</p> <p>Sulfur Compounds – Sulfur emission concentration requirements at ground level</p> | <p>Periodic</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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

C. Method of monitoring:

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% CO₂ 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.

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

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

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

| | |
|--|---|
| <p>A. Attachment # or Permit Condition #: <u>71.1.C</u></p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

| | |
|---|---|
| <p>A. Attachment # or Permit Condition #: <u>71.4.B.3</u></p> | <p>D. Frequency of monitoring:</p> <p>None</p> |
| <p>B. Description:</p> <p>Well cellar storage prohibition</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

| | |
|---|---|
| <p>A. Attachment # or Permit Condition #: <u>74.6</u></p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>Surface cleaning and degreasing requirements including ROC content limits, application and storage requirements</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

| | |
|--|---|
| <p>A. Attachment # or Permit Condition #: <u>74.10</u></p> | <p>D. Frequency of monitoring:</p> <p>Periodic</p> |
| <p>B. Description:</p> <p>Fugitive leak and leak inspection requirements for components at crude oil production and processing facilities.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring:</p> <p>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, duplever arms, valves (not open-ended), open-ended lines, flanges (if designated as exempt), other components.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

| | |
|--|--|
| A. Attachment # or Permit Condition #: <u>74.22</u> | 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): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form |



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

| | |
|---|--|
| <p>A. Attachment # or Permit Condition #: <u>74.11.1</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Large Water Heaters and Small Boilers</p> | <p>None</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

| | |
|--|--|
| <p>A. Attachment # or Permit Condition #: <u>74.1</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Abrasive blasting requirements</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

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

C. Method of monitoring:

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.

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

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

| | |
|--|--|
| <p>A. Attachment # or Permit Condition #: <u>40CFR61.M</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: National emission standard for asbestos</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |

| | |
|---|--|
| <p>A. Attachment # or Permit Condition #: <u>ATCM ENG.N3</u></p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: Stationary compression ignition engines used solely on OCS platforms</p> | <p>Periodic</p> |
| <p>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.</p> | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p> |



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2022 (MM/DD/YY) to 12 / 31 / 2022 (MM/DD/YY)

| | |
|---|---|
| <p>A. Attachment # or Permit Condition #: 40CFR63ZZZ3</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: RICE MACT for emergency diesel engines – oil change and inspections</p> | <p>Periodic</p> |
| | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring: Annual compliance certification that maintenance records are maintained and engines are equipped with non-resettable hour meters.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

| | |
|---|---|
| <p>A. Attachment # or Permit Condition #: 40CFR63ZZZ4</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: RICE MACT for non-emergency diesel engines less than or equal to 300 HP – oil change and inspections</p> | |
| | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>C. Method of monitoring: Annual compliance certification that maintenance records are maintained.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |

| | |
|--|---|
| <p>A. Attachment # or Permit Condition #: 40CFR63ZZZ6</p> | <p>D. Frequency of monitoring:</p> |
| <p>B. Description: RICE MACT for non-emergency diesel engines greater than 500 HP – CO ppm limit</p> | <p>Periodic</p> |
| | <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p> |
| <p>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.</p> | <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p> |



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/22 (MM/DD/YY) to 12/31/22 (MM/DD/YY)

| | | | |
|---|--|--|------------------------------------|
| A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas) | | | B. Pollutant: NO _x |
| C. Measured Emission Rate: 3.9 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: February 23, 2022 |

| | | | |
|---|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas) | | | B. Pollutant: NH ₃ |
| C. Measured Emission Rate: 9.9 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: February 23, 2022 |

| | | | |
|--|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel) | | | B. Pollutant: NO _x |
| C. Measured Emission Rate: 6.9 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: February 23, 2022 |

| | | | |
|--|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel) | | | B. Pollutant: NH ₃ |
| C. Measured Emission Rate: 13.2 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: February 23, 2022 |



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/22 (MM/DD/YY) to 12/31/22 (MM/DD/YY)

| | | | |
|---|--|--|------------------------------------|
| A. Emission Unit Description: Turbine G-03 @ 30% Load (Gas) | | | B. Pollutant: NO _x |
| C. Measured Emission Rate: 2.9 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: February 23, 2022 |

| | | | |
|---|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-03 @ 30% Load (Gas) | | | B. Pollutant: NH ₃ |
| C. Measured Emission Rate: 5.7 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: February 23, 2022 |

| | | | |
|--|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-03 @ 30% Load (Diesel) | | | B. Pollutant: NO _x |
| C. Measured Emission Rate: 5.9 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: February 23, 2022 |

| | | | |
|--|---|--|------------------------------------|
| A. Emission Unit Description: Turbine G-03 @ 30% Load (Diesel) | | | B. Pollutant: NH ₃ |
| C. Measured Emission Rate: 10.4 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: February 23, 2022 |



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

| | | |
|-----------------------|--|--|
| None to report | | |
| | | |
| | | |

| | | |
|--|---------------------------|--|
| A. Attachment # or Permit Condition #: | B. Equipment description: | C. Deviation Period: Date & Time Begin: End: When Discovered: Date & Time |
| D. Parameters monitored: | E. Limit: | F. Actual: |
| G. Probable Cause of Deviation: | | H. Corrective actions taken: |
| | | |

| | | |
|--|---------------------------|--|
| A. Attachment # or Permit Condition #: | B. Equipment description: | C. Deviation Period: Date & Time Begin: End: When Discovered: Date & Time |
| D. Parameters monitored: | E. Limit | F. Actual: |
| G. Probable Cause of Deviation: | | H. Corrective actions taken: |
| | | Increase load |



40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
SOUTH CRANE
CATERPILLER 3412, 545HP

DATE: 1/25/2022

HOURS: 11668

MECHANIC: Seth McBeath & George Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS

COMMENTS:

REPLACED CATALYST ????

COMMENTS:

AIR FILTERS: CHANGE EVERY 1000 HRS

COMMENTS:

FUEL FILTERS: CHANGE ANNUAL

COMMENTS:

OIL FILTERS: EVERY 300 HRS

COMMENTS:

CRANK CASE OIL: EVERY 300 HRS

COMMENTS:

Oil ANALYSIS: ANNUAL

COMMENTS:

Comments

Oil and filters changed.

Signature *C. Roberts*

(A) IF 300 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: 3/16/2022
HOURS: 12019
MECHANIC: Seth McBeath

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

| | |
|--|-----------|
| INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS COMMENTS: | Inspected |
| REPLACED CATALYST ????? COMMENTS: | Inspected |
| AIR FILTERS: CHANGE EVERY 1000 HRS COMMENTS: | Inspected |
| FUEL FILTERS: CHANGE ANNUAL COMMENTS: | Changed |
| OIL FILTERS: EVERY 300 HRS COMMENTS: | Changed |
| CRANK CASE OIL: EVERY 300 HRS COMMENTS: | Changed |
| Oil Changed or ANALYSIS: ANNUAL COMMENTS: | Yes |

Comments

Oil and filters changed on 3/16/2022
Fuel filters changed 3/11/2022 at 11999 hours.

Signature

(A) IF 300 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: 4/24/2022
HOURS: 12314
MECHANIC: Seth McBeath

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

| | |
|--|-----------|
| INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS COMMENTS: | Inspected |
| REPLACED CATALYST ???? COMMENTS: | Inspected |
| AIR FILTERS: CHANGE EVERY 1000 HRS COMMENTS: | Inspected |
| FUEL FILTERS: CHANGE ANNUAL COMMENTS: | Changed |
| OIL FILTERS: EVERY 300 HRS COMMENTS: | Changed |
| CRANK CASE OIL: EVERY 300 HRS COMMENTS: | Changed |
| Oil ANALYSIS: ANNUAL COMMENTS: | No |

Comments

Oil and filters changed.

Signature *C. Roberts*

(A) IF 300 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: 6/11/2022
HOURS: 12787
MECHANIC: Seth McBeath

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

| | |
|--|-----|
| INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS COMMENTS: | Yes |
| REPLACED CATALYST ???? COMMENTS: | No |
| AIR FILTERS: CHANGE EVERY 1000 HRS COMMENTS: | Yes |
| FUEL FILTERS: CHANGE ANNUAL COMMENTS: | Yes |
| OIL FILTERS: EVERY 300 HRS COMMENTS: | Yes |
| CRANK CASE OIL: EVERY 300 HRS COMMENTS: | Yes |
| Oil ANALYSIS: ANNUAL COMMENTS: | |

Comments

Lubed all grease points.
South Crane is source tested.

Signature *Seth McBeath*

(A) IF 300 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: 7/16/2022

HOURS: 13058

MECHANIC: Seth McBeath / G. Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS Inspected

COMMENTS:
REPLACED CATALYST ???? Inspected

COMMENTS:
AIR FILTERS: CHANGE EVERY 1000 HRS Inspected

COMMENTS:
FUEL FILTERS: CHANGE ANNUAL Changed

COMMENTS:
OIL FILTERS: EVERY 300 HRS Changed

COMMENTS:
CRANK CASE OIL: EVERY 300 HRS Changed

COMMENTS:
Oil ANALYSIS: ANNUAL

COMMENTS: Oil Changed

Comments

Empty rows for additional comments.

Signature *C. Roberts*

(A) IF 300 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: 8/11/2022
HOURS: 13292
MECHANIC: Seth M. / George E.

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: EVERY 1000 HRS Inspected

COMMENTS:
REPLACED CATALYST ????

COMMENTS: Inspected

AIR FILTERS: CHANGE EVERY 1000 HRS Inspected

COMMENTS:

FUEL FILTERS: CHANGE ANNUAL Changed

COMMENTS:

OIL FILTERS: EVERY 300 HRS Changed

COMMENTS:

CRANK CASE OIL: EVERY 300 HRS Changed

COMMENTS:

Oil ANALYSIS: ANNUAL Changed

COMMENTS:

Comments

Multiple empty rows for entering comments.

Signature *C. Roberts*

(A) IF 300 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: 9/4/2022
HOURS: 13634
MECHANIC: Seth M / Daven E.

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

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Signature *Seth McBeath*

(A) IF 300 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: 10/2/2022

HOURS: 13945

MECHANIC: Seth McBeath / G. Espinoza

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **INSPECTED**

COMMENTS:

AIR FILTERS: CHANGE EVERY 500 HRS **INSPECTED**

COMMENTS:

FUEL FILTERS: CHANGE ANNUALLY **FILTERS CHANGED**

COMMENTS:

OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST **FILTERS CHANGED**

COMMENTS:

CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **OIL CHANGED**

COMMENTS:

Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **OIL CHANGED**

COMMENTS:

Comments

Multiple empty rows for entering comments.

Signature

C. Roberts

(A) IF 300 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: 10/29/2022

HOURS: 14249

MECHANIC: Seth McBeath / Scott R.

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: | 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

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Signature *C Roberts*

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

(A) IF 300 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: 12/2/2022

HOURS: 14537

MECHANIC: Seth McBeath / George E.

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **INSPECTED**

COMMENTS:

AIR FILTERS: CHANGE EVERY 500 HRS **INSPECTED**

COMMENTS:

FUEL FILTERS: CHANGE ANNUALLY **FILTERS CHANGED**

COMMENTS:

OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST **FILTERS CHANGED**

COMMENTS:

CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **OIL CHANGED**

COMMENTS:

Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST **OIL CHANGED**

COMMENTS:

Comments

Multiple empty rows for handwritten comments.

Signature

C. Roberts

(A) IF 300 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 12/31/2022

HOURS 14820

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 INSPECTED

COMMENTS:

AIR FILTERS: CHANGE EVERY 500 HRS INSPECTED

COMMENTS:

FUEL FILTERS: CHANGE ANNUALLY FILTERS CHANGED

COMMENTS:

OIL FILTERS: ANNUAL OR 300 HRS, WHICH EVER COMES FIRST FILTERS CHANGED

COMMENTS:

CRANK CASE OIL: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST OIL CHANGED

COMMENTS:

Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST OIL CHANGED

COMMENTS:

Comments

Multiple empty horizontal lines for entering comments.

Signature

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

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



L.

L.



40 CFR PART 63 SUBPART ZZZZ
MAINTENANCE PLAN

PLATFORM Gail
NORTH CRANE
CATERPILLER 3306, 225HP

DATE: 6/12/2022
HOURS: 1547
MECHANIC: Seth McBeath

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: | 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

Tach hours 19657.

Lubed all grease points.

| | |
|--|-------------------------------|
| | Signature <i>Seth McBeath</i> |
|--|-------------------------------|

(A) IF 300 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
P-18 FIRE WATER PUMP
481 BHP CATIPILLAR

DATE: 3/14/2022

HOURS: 786

MECHANIC: Kirk H. / C. Roberts

ARE DROP DOWN BOXES

(500 HRS OR ANNUAL SERVICE)

INSPECT/CHANGED HOSES AND BELTS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST INSPECTED

COMMENTS:

AIR FILTERS: CHANGE EVERY 500 HRS INSPECTED

COMMENTS:

FUEL FILTERS: CHANGE ANNUALLY OIL ANALYSIS ATTACHED

COMMENTS:

OIL FILTERS: CHANGE ANNUALLY OIL ANALYSIS ATTACHED

COMMENTS:

CRANK CASE OIL: AS NEEDED PER OIL ANALYSIS OIL ANALYSIS ATTACHED

COMMENTS:

Oil ANALYSIS: ANNUAL OR 500 HRS, WHICH EVER COMES FIRST OIL ANALYSIS ATTACHED

COMMENTS:

Comments

Multiple empty horizontal lines for entering comments.

Signature C. Roberts

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



LubeWatch®

UIN 0934B89

Diesel Engine

P-18 Firewater Pump

Unit No.

Unit:

Make

Model

Serial No.

Site

Compartment:

Name

Make

Model

Serial No.

Capacity:

Diesel Engine

John Deere

6359-AF

Customer:

BEACON WEST ENERGY GROUP LLC GRACE

Export Platform Grace

Attn Justin Robarge & Austin Wright

2661 Carpinteria Ave

Carpinteria, CA 93008

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. Due to lack of information (oil grade) not all tests can be determined.

ANALYST: roldan.belbad



Normal



LEGEND

Severe

Abnormal

Caution

Normal

DATE SAMPLED

14-Mar-22

DATE RECEIVED

22-Mar-22

DATE REPORTED

28-Mar-22

LAB NO.

44022689045

SIF NO.

38097110

TIME ON UNIT

Hrs

TIME ON OIL

Hrs

OIL TYPE

Unidentified

OIL BRAND

Unidentified

OIL GRADE

Unknown

OIL ADDED

Unknown

FILTER

Not Changed

OIL CHANGED

Not Changed

WO NUMBER

Not Changed

Metals (ppm)

Iron (Fe)

4

Chromium (Cr)

<1

Lead (Pb)

<1

Copper (Cu)

3

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)

7

Potassium (K)

2

Additives (ppm)

Magnesium (Mg)

738

Calcium (Ca)

1561

Barium (Ba)

1

Phosphorus (P)

827

Zinc (Zn)

974

Molybdenum (Mo)

4

Boron (B)

112

Water (%)

<0.05

Coolant

No

Physical Tests

Viscosity (cST 100C)

122

Fuel (%)

0.0

Soot (%) Infrared

<0.1

Physical / Chemical

Base Number (mgKOH/g)

5.3

Oxidation (Abs/0.1mm)

14

E2412/D7414

Nitration (Abs/0.1mm) E2412

7



(800) LUBE-808



LubeWatch®

(800) LUBE-808

UIN 0934B89

U.S. Laboratories

Atlanta, Georgia - 420 Valley View, Ohio - 410
 5300 Oakbrook Parkway 6180 Halle Dr, Suite D
 Building 200, Suite 245 Valley View, OH 44125
 Norcross, GA 30093 800.726.5400
 800.394.3669

Kansas City, Kansas - 430 Phoenix, Arizona - 440
 935 Sunshine Road 3319 West Earl Drive
 Kansas City, KS 66115 Phoenix, AZ 85017
 800.332.8055 800.445.7930

Portland, Oregon - 401
 4943 NW Front Avenue
 Portland, OR 97210
 800.770.4128

Canadian Laboratories

Burlington, Ontario - 450 Edmonton, Alberta - 402
 5036 South Service Rd. 9450 17 Ave NW
 Burlington, ON L7S1Y7 Edmonton, AB T6N 1M9
 905.332.9559 888.469.0057

Sales & Marketing
Houston, Texas
 10450 Stanciliff Road, Suite 210
 Houston, TX 77099
 877.835.8437

International Locations

Australia
 Brisbane, Perth, Sydney, Muswellbrook

South America
 Santiago de Chile, Belo Horizonte, Brazil

Southeast Asia
 Kuala Lumpur, Singapore

Europe
 Prague

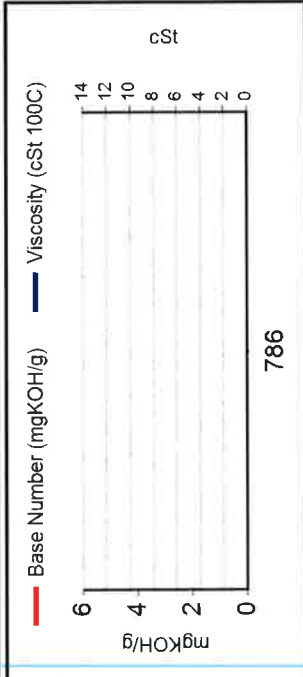
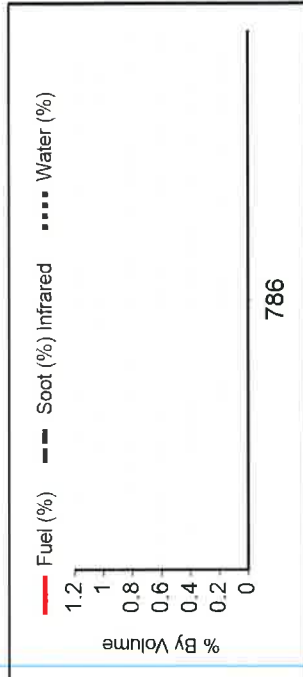
New Zealand
 Wellington

TEST METHODS:

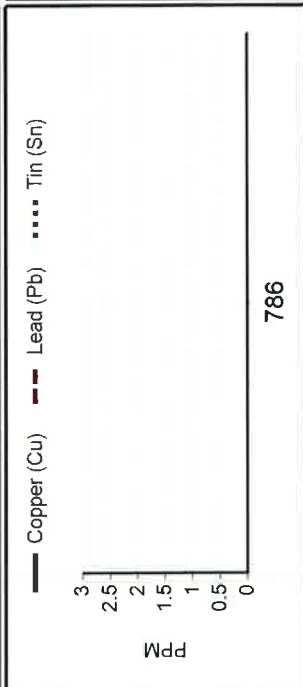
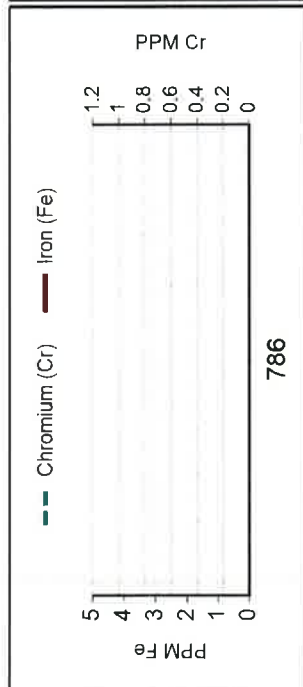
Acid Number: ASTM D974/D664 (*M)
 Base Number: ASTM D4739 (*M)
 Base Number (Perchloric): ASTM D2896 (*M)
 Fuel Dilution by GC: ASTM D7593
 Fuel Dilution Viso/Setalash In House
 Fuel Soot ATR/IR: ASTM D7686 (*M)
 Soot by FTIR: ASTM D7844
 Glycol: In House
 Metals by ICP AES: ASTM D5185 (*M)
 Ox, NOx, SOx, FTIR: ASTM E2412/D7418/D7414
 D7415

PQ Index: ASTM D6120 (*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



Filter patch test is not performed Contact laboratory for more information



Filter Image

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



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 Model Caterpillar G399

Serial No. Capacity:

Customer:

BEACON WEST ENERGY GROUP LLC GRACE
Export Platform Grace
Attn Justin Robarge & Austin Wright
2661 Carpinteria Ave
Carpinteria, CA 93008

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

Unidentified

OIL BRAND

Unidentified

OIL TYPE

Unknown

OIL GRADE

Unknown

OIL ADDED

Not Changed

FILTER

Not Changed

OIL CHANGED

Not Changed

WO NUMBER

Not Changed

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) | 120 |
| Solids (%) | <0.1 |

Physical / Chemical

| | |
|-----------------------------|------|
| Initial pH | 6.6 |
| Acid Number (mgKOH/g) | 1.55 |
| Oxidation (Abs/0.1mm) | 16 |
| E2412/D7414 | |
| Nitration (Abs/0.1mm) E2412 | 6 |



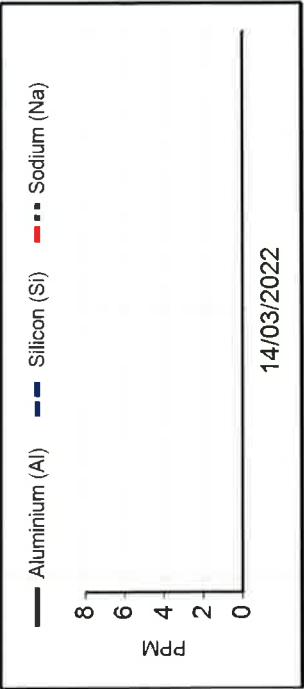
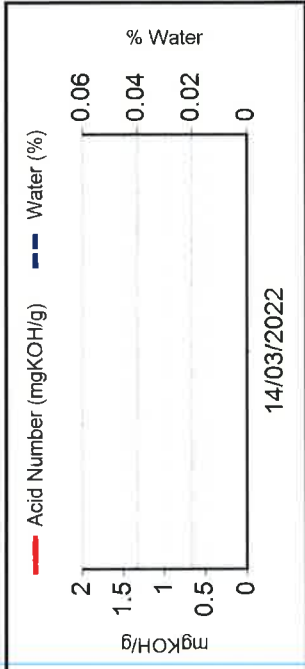
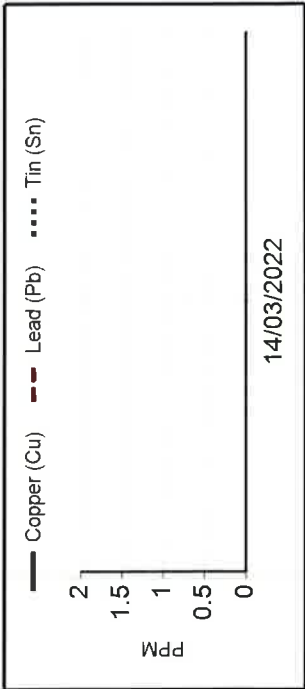
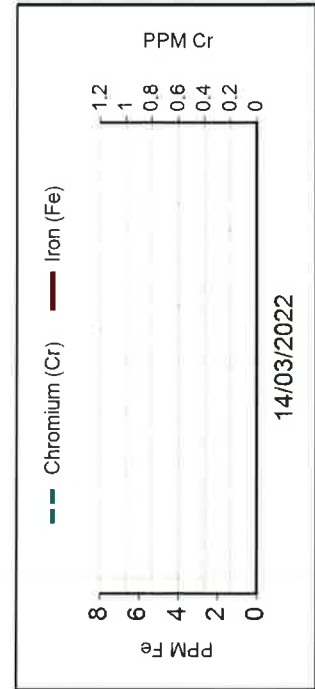
(800) LUBE-808



LubeWatch

(800) LUBE-808

UIN 0934B79



Filter patch test is not performed Contact laboratory for more information

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

Atlanta, Georgia - 420 Valley View, Ohio - 410
 5300 Oakbrook Parkway Building 200 Suite 245 Norcross, GA 30093 800.394.3669
 6180 Halle Dr. Suite D Valley View, OH 44125 800.726.5400

Kansas City, Kansas - 430 Phoenix, Arizona - 440
 935 Sunshine Road Kansas City, KS 66115 800.332.8055
 3319 West Earl Drive Phoenix, AZ 85017 800.445.7930

Portland, Oregon - 401
 4943 NW Front Avenue Portland, OR 97210 800.770.4128

Canadian Laboratories
Burlington, Ontario - 450 Edmonton, Alberta - 402
 5036 South Service Rd. Burlington, ON L7L5Y7 905.352.9559
 9450 17 Ave NW Edmonton, AB T6N 1M9 888.489.0057

Sales & Marketing
Houston, Texas
 10450 Standifff Road, Suite 210 Houston, TX 77099 877.835.8437

International Locations

Australia
 Brisbane, Perth, Sydney, Muswellbrook

South America
 Santiago de Chile, Belo Horizonte, Brazil

Southeast Asia
 Kuala Lumpur, Singapore

New Zealand
 Wellington

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/Setflash In House
 Fuel Soot A/TRIR: 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



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

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|--|-----------------------------|
| | Signature <i>C. Roberts</i> |
|--|-----------------------------|

(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

G-03 Start Engine

Unit No.

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 93002

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.
36097114

TIME ON UNIT
657

TIME ON OIL

OIL BRAND

OIL TYPE

OIL GRADE

OIL ADDED

FILTER

OIL CHANGED

WO NUMBER

Unidentified
Unidentified
Unknown

Not Changed

Metals (ppm)

Iron (Fe) 7

Chromium (Cr) <1

Lead (Pb) <1

Copper (Cu) <1

Tin (Sn) 1

Aluminum (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) 114

Solids (%) <0.1

Physical / Chemical

Initial pH 6.6

Acid Number (mgKOH/g) 1.66

Oxidation (Abs/0.1mm) 13

E2412/D7414

Nitration (Abs/0.1mm) E2412 6



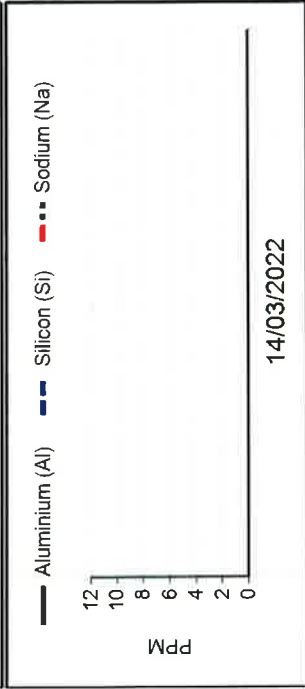
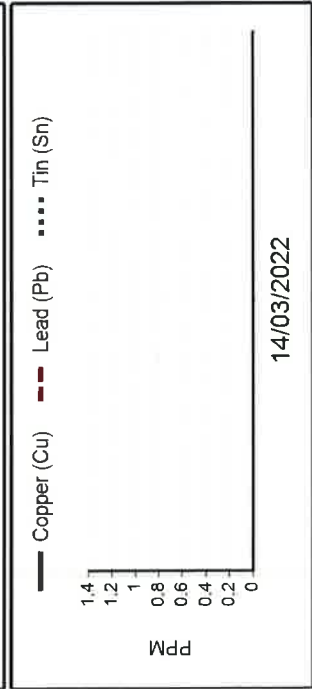
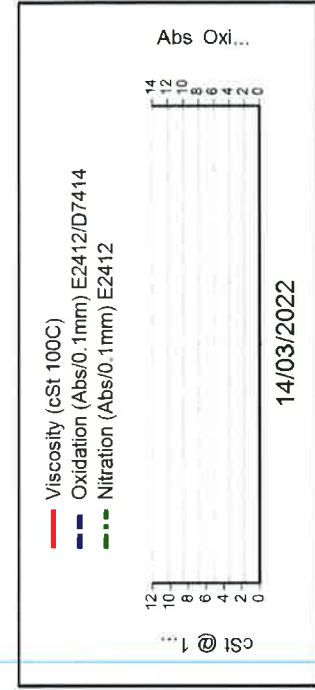
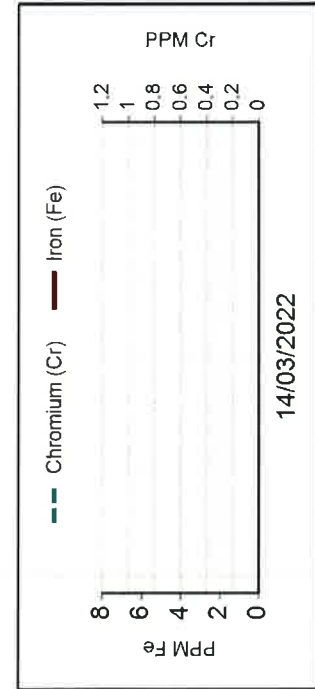
(800) LUBE-808



LubeWatch

(800) LUBE-808

UIN 0934B8F



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.

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South America
 Santiago de Chile, Belo Horizonte, Brazil

Southeast Asia
 Kuala Lumpur, Singapore

New Zealand
 Wellington

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 Viso/Setflash 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 D6120 (*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

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Jan-22

| Equipment | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|-----------------|-----------------|----------------|----------------|-----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 7.0 | 258.0 | 100.0 | 39.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 0.0 | MSCF/mo | 0.52 | N/A | MMSCF/yr |
| HP Pilot/Purge | 83.2 | 120.0 | 89.1 | 92.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | MSCF/mo | 0.53 | N/A | MMSCF/yr |
| HP Planned & P/P | 90.2 | 378.0 | 189.1 | 131.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | MSCF/mo | 1.05 | 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 | 130.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.13 | N/A | MMSCF/yr |
| LP Planned & P/P | 130.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.13 | 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 | 10.2 | 1.7 | 5.0 | 4.1 | 1.9 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | MMSCF/mo | 80.48 | 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 | 0.6 | 10.0 | 6.3 | 7.5 | 9.6 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | MMSCF/mo | 59.36 | N/A | MMSCF/yr |
| Turbines @ all loads | 10.7 | 11.7 | 11.3 | 11.6 | 11.5 | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | MMSCF/mo | 139.84 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 10.72 | 11.69 | 11.30 | 11.5 | 11.52 | 11.99 | 11.80 | 11.8 | 11.9 | 11.6 | 12.07 | 11.75 | MMSCF/mo | 139.73 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | MGal/mo | 0.69 | 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 | 0.33 | 0.00 | 0.20 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | MGal/mo | 0.58 | N/A | MGal/yr |
| Turbines @ all loads | 0.96 | 0.00 | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | MGal/mo | 1.27 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.96 | 0.00 | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | MGal/mo | 1.27 | 150 | MGal/yr |
| Back-up Generator:G4 | 0.00 | 0.00 | 0.25 | 5.90 | 3.30 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | Hrs/mo | 21.05 | 1,314 | Hrs/yr |
| North Crane | 107.00 | 177.00 | 142.00 | 98.00 | 215.00 | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | Gal/mo | 1,143.0 | N/A | Gal/yr |
| South Crane | 48.80 | 137.30 | 170.00 | 157.30 | 112.00 | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | Gal/mo | 2,099.9 | N/A | Gal/yr |
| Crane Total | 155.80 | 314.30 | 312.00 | 255.30 | 327.00 | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | Gal/mo | 3,243 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.88 | 0.33 | 0.19 | 1.90 | 1.54 | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | Hrs/mo | 87.6 | 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 | 2.05 | 2.52 | 2.10 | 6.98 | 2.67 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | Hrs/mo | 31.8 | 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 | 0.00 | 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 | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 2,337 | 3,865 | 3,865 | 4,112 | 3,280 | 3,263 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | Gal/mo | 43,129 | N/A | Gal/yr |
| Work Boat Fuel: | 2,532 | 4,187 | 4,187 | 8,910 | 3,532 | 3,535 | 2,949 | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | Gal/mo | 48,626 | N/A | Gal/yr |
| Total Boats Fuel | 4,869 | 8,053 | 8,053 | 13,022 | 6,792 | 6,798 | 7,656 | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | Gal/mo | 91,755 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.08 | 0.13 | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | Tons/mo | 1.52 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 1.37 | 2.26 | 2.26 | 3.65 | 1.91 | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | Tons/mo | 25.74 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.08 | 0.13 | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | Tons/mo | 1.54 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.02 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | Tons/mo | 0.34 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.25 | 0.41 | 0.41 | 0.66 | 0.35 | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | Tons/mo | 4.68 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Feb-22

| Equipment | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|-----------------|-----------------|-----------------|----------------|----------------|----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 258.0 | 100.0 | 39.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 0.0 | 0.0 | MSCF/mo | 0.51 | N/A | MMSCF/yr |
| HP Pilot/Purge | 120.0 | 89.1 | 92.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | MSCF/mo | 0.55 | N/A | MMSCF/yr |
| HP Planned & P/P | 378.0 | 189.1 | 131.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | MSCF/mo | 1.07 | 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 | 1.7 | 5.0 | 4.1 | 1.9 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | MMSCF/mo | 79.66 | 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 | 10.0 | 6.3 | 7.5 | 9.6 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | MMSCF/mo | 60.04 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.7 | 11.3 | 11.6 | 11.5 | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | MMSCF/mo | 139.69 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 11.69 | 11.30 | 11.51 | 11.5 | 11.99 | 11.60 | 11.78 | 11.9 | 11.6 | 12.1 | 11.75 | 10.59 | MMSCF/mo | 139.59 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | MGal/mo | 0.51 | 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 | 0.20 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | MGal/mo | 0.76 | N/A | MGal/yr |
| Turbines @ all loads | 0.00 | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | MGal/mo | 1.27 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.00 | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | MGal/mo | 1.26 | 150 | MGal/yr |
| Back-up Generator:G4 | 0.00 | 0.25 | 5.90 | 3.30 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | Hrs/mo | 22.42 | 1,314 | Hrs/yr |
| North Crane | 177.00 | 142.00 | 98.00 | 215.00 | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | Gal/mo | 1,118.0 | N/A | Gal/yr |
| South Crane | 137.30 | 170.00 | 157.30 | 112.00 | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | Gal/mo | 3,122.1 | N/A | Gal/yr |
| Crane Total | 314.30 | 312.00 | 255.30 | 327.00 | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | Gal/mo | 4,240 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.33 | 0.19 | 1.90 | 1.54 | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | Hrs/mo | 89.5 | 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 | 2.52 | 2.10 | 6.98 | 2.67 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | Hrs/mo | 31.7 | 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 | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,865 | 3,865 | 4,112 | 3,260 | 3,263 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | Gal/mo | 45,635 | N/A | Gal/yr |
| Work Boat Fuel: | 4,187 | 4,187 | 8,910 | 3,532 | 3,535 | 2,949 | 3,243 | 4,678 | 3,852 | 3,378 | 3,843 | 3,181 | Gal/mo | 49,276 | N/A | Gal/yr |
| Total Boats Fuel | 8,053 | 8,053 | 13,022 | 6,792 | 6,798 | 7,656 | 6,237 | 8,996 | 6,854 | 6,497 | 8,130 | 8,024 | Gal/mo | 94,911 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.13 | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | Tons/mo | 1.57 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 2.26 | 2.26 | 3.65 | 1.91 | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | Tons/mo | 26.62 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.13 | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | Tons/mo | 1.59 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | Tons/mo | 0.36 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.41 | 0.41 | 0.66 | 0.35 | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | Tons/mo | 4.84 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Mar-22

| Equipment | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|--------------------------------|---------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|-----------------|-----------------|---------------|-----------------|----------------|----------------|-----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 100.0 | 39.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.26 | N/A | MMSCF/yr |
| HP Pilot/Purge | 89.1 | 92.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | MSCF/mo | 0.56 | N/A | MMSCF/yr |
| HP Planned & P/P | 189.1 | 131.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 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 | 5.0 | 4.1 | 1.9 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | MMSCF/mo | 88.26 | 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 | 6.3 | 7.5 | 9.6 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | MMSCF/mo | 51.66 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.3 | 11.6 | 11.5 | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | MMSCF/mo | 139.92 | 650 | MMSCF/yr |
| Turbine@<1000 KW | 11.30 | 11.51 | 11.52 | 12.0 | 11.80 | 11.78 | 11.95 | 11.6 | 12.1 | 11.8 | 10.59 | 11.90 | MMSCF/mo | 139.81 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | MGal/mo | 0.51 | 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 | 0.20 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | 0.00 | MGal/mo | 0.76 | N/A | MGal/yr |
| Turbines @ all loads | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | MGal/mo | 1.27 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.20 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | MGal/mo | 1.26 | 150 | MGal/yr |
| Back-up Generator:G4 | 0.25 | 5.90 | 3.30 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | Hrs/mo | 23.67 | 1,314 | Hrs/yr |
| North Crane | 142.00 | 98.00 | 215.00 | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | Gal/mo | 989.0 | N/A | Gal/yr |
| South Crane | 170.00 | 157.30 | 112.00 | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | Gal/mo | 3,921.8 | N/A | Gal/yr |
| Crane Total | 312.00 | 255.30 | 327.00 | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | Gal/mo | 4,911 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.19 | 1.90 | 1.54 | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | Hrs/mo | 92.0 | 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 | 2.10 | 6.98 | 2.67 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | Hrs/mo | 31.6 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,865 | 4,112 | 3,260 | 3,263 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | Gal/mo | 46,620 | N/A | Gal/yr |
| Work Boat Fuel: | 4,187 | 8,910 | 3,532 | 3,535 | 2,949 | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,260 | Gal/mo | 48,348 | N/A | Gal/yr |
| Total Boats Fuel | 8,053 | 13,022 | 6,792 | 6,798 | 7,656 | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | Gal/mo | 94,969 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | Tons/mo | 1.57 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 2.26 | 3.65 | 1.91 | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | Tons/mo | 26.84 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.13 | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | Tons/mo | 1.59 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.03 | 0.05 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | Tons/mo | 0.36 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.41 | 0.66 | 0.35 | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | Tons/mo | 4.84 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Apr-22

| Equipment | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|--------|----------|---------------|----------------|--------------|----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 39.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.16 | N/A | MMSCF/yr |
| HP Pilot/Purge | 92.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | MSCF/mo | 0.58 | N/A | MMSCF/yr |
| HP Planned & P/P | 131.1 | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | MSCF/mo | 0.74 | 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 | 4.1 | 1.9 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | MMSCF/mo | 93.35 | 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 | 7.5 | 9.6 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | MMSCF/mo | 46.92 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.6 | 11.5 | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | MMSCF/mo | 140.27 | 850 | MMSCF/yr |
| Turbines@<1000 KW | 11.51 | 11.52 | 11.99 | 11.8 | 11.78 | 11.95 | 11.64 | 12.1 | 11.8 | 10.6 | 11.90 | 11.67 | MMSCF/mo | 140.17 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | MGal/mo | 0.51 | 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 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | 0.00 | 0.00 | MGal/mo | 0.56 | N/A | MGal/yr |
| Turbines @ all loads | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | MGal/mo | 1.07 | 335 | MGal/yr |
| Turbines@<1000 KW | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | MGal/mo | 1.07 | 150 | MGal/yr |
| Back-up Generator:G4 | 5.90 | 3.30 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | Hrs/mo | 24.40 | 1,314 | Hrs/yr |
| Crane Usage: | | | | | | | | | | | | | | | | |
| North Crane | 98.00 | 215.00 | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | Gal/mo | 904.0 | N/A | Gal/yr |
| South Crane | 157.30 | 112.00 | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | 1,011.00 | Gal/mo | 4,762.8 | N/A | Gal/yr |
| Crane Total | 255.30 | 327.00 | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | 1,068.00 | Gal/mo | 5,667 | 21,339 | Gal/yr |
| Turbine Starter Engines | | | | | | | | | | | | | | | | |
| North Crane | 1.90 | 1.54 | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | Hrs/mo | 94.2 | 960 | Gal/yr at 7.7 gal/hr |
| South Crane | 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 | 6.98 | 2.67 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | Hrs/mo | 31.5 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 4,112 | 3,260 | 3,263 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | Gal/mo | 46,980 | N/A | Gal/yr |
| Work Boat Fuel: | 8,910 | 3,532 | 3,535 | 2,949 | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,260 | 4,485 | Gal/mo | 48,646 | N/A | Gal/yr |
| Total Boats Fuel | 13,022 | 6,792 | 6,798 | 7,656 | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | Gal/mo | 95,626 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | Tons/mo | 1.58 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 3.65 | 1.91 | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | Tons/mo | 26.82 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.22 | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | Tons/mo | 1.60 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.05 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | Tons/mo | 0.36 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.66 | 0.35 | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | Tons/mo | 4.88 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
May-22

| Equipment | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | 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 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.12 | N/A | MMSCF/yr |
| HP Pilot/Purge | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | MSCF/mo | 0.58 | N/A | MMSCF/yr |
| HP Planned & P/P | 89.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | MSCF/mo | 0.69 | 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 | 1.9 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | MMSCF/mo | 100.46 | 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 | 9.6 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | MMSCF/mo | 40.28 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.5 | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | MMSCF/mo | 140.75 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 11.52 | 11.99 | 11.80 | 11.8 | 11.95 | 11.64 | 12.07 | 11.8 | 10.6 | 11.9 | 11.67 | 12.12 | MMSCF/mo | 140.77 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | MGal/mo | 0.51 | 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 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | 0.00 | 0.00 | 0.00 | MGal/mo | 0.56 | N/A | MGal/yr |
| Turbines @ all loads | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | MGal/mo | 1.07 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | MGal/mo | 1.07 | 150 | MGal/yr |
| Back-up Generator:G4 | 3.30 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | Hrs/mo | 19.83 | 1,314 | Hrs/yr |
| North Crane | 215.00 | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 85.00 | Gal/mo | 871.0 | N/A | Gal/yr |
| South Crane | 112.00 | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | 1,011.00 | 1,744.00 | Gal/mo | 6,349.5 | N/A | Gal/yr |
| Crane Total | 327.00 | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | 1,068.00 | 1,809.00 | Gal/mo | 7,221 | 21,339 | Gal/yr |
| Turbine Starter Engines | 1.54 | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | Hrs/mo | 82.5 | 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 | 2.67 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,280 | 3,263 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | Gal/mo | 46,117 | N/A | Gal/yr |
| Work Boat Fuel: | 3,532 | 3,535 | 2,949 | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,260 | 4,485 | 7,040 | Gal/mo | 46,776 | N/A | Gal/yr |
| Total Boats Fuel | 6,792 | 6,798 | 7,656 | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | Gal/mo | 92,893 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | Tons/mo | 1.54 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 1.91 | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | Tons/mo | 26.06 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.11 | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | Tons/mo | 1.56 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | Tons/mo | 0.35 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.35 | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | Tons/mo | 4.74 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Jun-22

| Equipment | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | 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 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.12 | N/A | MMSCF/yr |
| HP Pilot/Purge | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | MSCF/mo | 0.61 | N/A | MMSCF/yr |
| HP Planned & P/P | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | MSCF/mo | 0.72 | 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 | 10.6 | 3.9 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | MMSCF/mo | 109.07 | 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 | 1.4 | 7.9 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | MMSCF/mo | 31.76 | N/A | MMSCF/yr |
| Turbines @ all loads | 12.0 | 11.8 | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | MMSCF/mo | 140.83 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 11.99 | 11.80 | 11.78 | 11.9 | 11.64 | 12.07 | 11.75 | 10.6 | 11.9 | 11.7 | 12.12 | 11.61 | MMSCF/mo | 140.85 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | MGal/mo | 0.51 | 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 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | MGal/mo | 0.58 | N/A | MGal/yr |
| Turbines @ all loads | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | MGal/mo | 1.08 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.03 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | MGal/mo | 1.08 | 150 | MGal/yr |
| Back-up Generator:G4 | 1.75 | 2.22 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | Hrs/mo | 19.27 | 1,314 | Hrs/yr |
| North Crane | 0.00 | 110.00 | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | Gal/mo | 709.0 | N/A | Gal/yr |
| South Crane | 32.00 | 52.00 | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | 1,011.00 | 1,744.00 | 1,192.00 | Gal/mo | 7,429.5 | N/A | Gal/yr |
| Crane Total | 32.00 | 162.00 | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | 1,068.00 | 1,809.00 | 1,245.00 | Gal/mo | 8,139 | 21,339 | Gal/yr |
| Turbine Starter Engines | 2.11 | 0.48 | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | Hrs/mo | 88.2 | 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 | 2.60 | 1.90 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | Hrs/mo | 27.1 | 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 | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,283 | 4,707 | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | Gal/mo | 46,058 | N/A | Gal/yr |
| Work Boat Fuel: | 3,535 | 2,949 | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,260 | 4,485 | 7,040 | 3,467 | Gal/mo | 46,711 | N/A | Gal/yr |
| Total Boats Fuel | 6,798 | 7,656 | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | Gal/mo | 92,769 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | Tons/mo | 1.54 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 1.91 | 2.15 | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | Tons/mo | 28.02 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.11 | 0.13 | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | Tons/mo | 1.55 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | Tons/mo | 0.38 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.35 | 0.39 | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | Tons/mo | 4.73 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Aug-22

| Equipment | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|-----------------------------|--------------|---------------|--------------|--------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 0.0 | 0.0 | 0.0 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | MSCF/mo | 0.13 | N/A | MMSCF/yr |
| HP Pilot/Purge | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 124.0 | MSCF/mo | 0.86 | N/A | MMSCF/yr |
| HP Planned & P/P | 0.0 | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 133.0 | MSCF/mo | 0.98 | 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 | 7.0 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | 10.4 | 5.0 | MMSCF/mo | 109.95 | 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 | 4.8 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | 1.6 | 6.1 | MMSCF/mo | 30.14 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.8 | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | 11.9 | 11.1 | MMSCF/mo | 140.09 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 11.78 | 11.95 | 11.64 | 12.1 | 11.75 | 10.59 | 11.90 | 11.7 | 12.1 | 11.6 | 11.94 | 11.13 | MMSCF/mo | 140.13 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | MGal/mo | 7.81 | 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 | 0.00 | 0.00 | 0.01 | 0.01 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.21 | MGal/mo | 0.78 | N/A | MGal/yr |
| Turbines @ all loads | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | MGal/mo | 8.58 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.01 | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | MGal/mo | 8.58 | 150 | MGal/yr |
| Back-up Generator:G4 | 0.67 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | 1.73 | 3.08 | Hrs/mo | 20.12 | 1,314 | Hrs/yr |
| North Crane | 32.00 | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | 59.00 | 112.00 | Gal/mo | 770.0 | N/A | Gal/yr |
| South Crane | 32.80 | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | 1,011.00 | 1,744.00 | 1,192.00 | 1,241.00 | 2,344.00 | Gal/mo | 10,930.5 | N/A | Gal/yr |
| Crane Total | 64.80 | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | 1,068.00 | 1,809.00 | 1,245.00 | 1,300.00 | 2,456.00 | Gal/mo | 11,701 | 21,339 | Gal/yr |
| Turbine Starter Engines | 1.27 | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | 0.93 | 4.57 | Hrs/mo | 110.6 | 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 | 2.13 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | 2.07 | 2.52 | Hrs/mo | 27.2 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 2,994 | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | 4,010 | 3,128 | Gal/mo | 45,226 | N/A | Gal/yr |
| Work Boat Fuel: | 3,243 | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,280 | 4,485 | 7,040 | 3,467 | 4,345 | 3,389 | Gal/mo | 47,961 | N/A | Gal/yr |
| Total Boats Fuel | 6,237 | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | 8,355 | 6,517 | Gal/mo | 93,187 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.10 | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | 0.14 | 0.11 | Tons/mo | 1.54 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 1.75 | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | 2.34 | 1.83 | Tons/mo | 26.14 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.10 | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | 0.14 | 0.11 | Tons/mo | 1.56 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | Tons/mo | 0.35 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.32 | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | 0.43 | 0.33 | Tons/mo | 4.75 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Sep-22

| Equipment | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|--------------------------------|---------------|--------------|--------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 0.0 | 0.0 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 0.0 | MSCF/mo | 0.13 | N/A | MMSCF/yr |
| HP Pilot/Purge | 0.0 | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 124.0 | 120.0 | MSCF/mo | 0.98 | N/A | MMSCF/yr |
| HP Planned & P/P | 0.0 | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 133.0 | 120.0 | MSCF/mo | 1.10 | 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 | 5.5 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | 10.4 | 5.0 | 11.4 | MMSCF/mo | 114.35 | 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 | 6.5 | 1.8 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | 1.6 | 6.1 | 0.0 | MMSCF/mo | 25.33 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.9 | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | 11.9 | 11.1 | 11.4 | MMSCF/mo | 139.68 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 11.95 | 11.64 | 12.07 | 11.8 | 10.59 | 11.90 | 11.67 | 12.1 | 11.6 | 11.9 | 11.13 | 11.38 | MMSCF/mo | 139.73 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 0.08 | MGal/mo | 7.88 | 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 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.21 | 0.00 | MGal/mo | 0.77 | N/A | MGal/yr |
| Turbines @ all loads | 0.01 | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | MGal/mo | 8.66 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.01 | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | MGal/mo | 8.65 | 150 | MGal/yr |
| Back-up Generator:G4 | 2.22 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | 1.73 | 3.08 | 0.63 | Hrs/mo | 20.06 | 1,314 | Hrs/yr |
| North Crane | 61.00 | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | 59.00 | 112.00 | 39.00 | Gal/mo | 777.0 | N/A | Gal/yr |
| South Crane | 41.20 | 22.00 | 27.50 | 1,267.00 | 1,071.00 | 937.00 | 1,011.00 | 1,744.00 | 1,192.00 | 1,241.00 | 2,344.00 | 1,833.00 | Gal/mo | 12,730.7 | N/A | Gal/yr |
| Crane Total | 102.20 | 66.00 | 58.50 | 1,393.00 | 1,153.00 | 985.00 | 1,068.00 | 1,809.00 | 1,245.00 | 1,300.00 | 2,456.00 | 1,872.00 | Gal/mo | 13,508 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.31 | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | 0.93 | 4.57 | 0.15 | Hrs/mo | 102.0 | 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 | 1.42 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | 2.07 | 2.52 | 1.80 | Hrs/mo | 26.8 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 4,318 | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | 4,010 | 3,128 | 2,794 | Gal/mo | 45,026 | N/A | Gal/yr |
| Work Boat Fuel: | 4,678 | 3,652 | 3,378 | 3,843 | 3,181 | 3,280 | 4,485 | 7,040 | 3,467 | 4,345 | 3,389 | 3,027 | Gal/mo | 47,744 | N/A | Gal/yr |
| Total Boats Fuel | 8,996 | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | 8,355 | 6,517 | 5,821 | Gal/mo | 92,770 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.15 | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | Tons/mo | 1.54 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 2.52 | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | 2.34 | 1.83 | 1.63 | Tons/mo | 26.02 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.15 | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | Tons/mo | 1.55 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | Tons/mo | 0.35 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.46 | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | 0.43 | 0.33 | 0.30 | Tons/mo | 4.73 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Oct-22

| Equipment | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|-----------------------------|--------------|--------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 0.0 | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 0.0 | 0.0 | MSCF/mo | 0.13 | N/A | MMSCF/yr |
| HP Pilot/Purge | 0.0 | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 124.0 | 120.0 | 124.0 | MSCF/mo | 1.10 | N/A | MMSCF/yr |
| HP Planned & P/P | 0.0 | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 133.0 | 120.0 | 124.0 | MSCF/mo | 1.23 | 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 | 9.8 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | 10.4 | 5.0 | 11.4 | 2.6 | MMSCF/mo | 111.44 | 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 | 0.0 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | 1.6 | 6.1 | 0.0 | 9.3 | MMSCF/mo | 28.15 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.6 | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | 11.9 | 11.1 | 11.4 | 11.8 | MMSCF/mo | 139.59 | 650 | MMSCF/yr |
| Turbine@<1000 KW | 11.64 | 12.07 | 11.75 | 10.6 | 11.90 | 11.67 | 12.12 | 11.6 | 11.9 | 11.1 | 11.38 | 11.89 | MMSCF/mo | 139.67 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 0.08 | 0.00 | MGal/mo | 7.88 | 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 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.21 | 0.00 | 0.00 | MGal/mo | 0.77 | N/A | MGal/yr |
| Turbines @ all loads | 0.01 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | MGal/mo | 8.65 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.00 | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | MGal/mo | 8.65 | 150 | MGal/yr |
| Back-up Generator:G4 | 1.28 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | 1.73 | 3.08 | 0.63 | 0.00 | Hrs/mo | 17.87 | 1,314 | Hrs/yr |
| North Crane | 44.00 | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | 59.00 | 112.00 | 39.00 | 95.00 | Gal/mo | 811.0 | N/A | Gal/yr |
| South Crane | 22.00 | 27.50 | 1,267.00 | 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 | Gal/mo | 14,397.5 | N/A | Gal/yr |
| Crane Total | 66.00 | 58.50 | 1,393.00 | 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 | Gal/mo | 15,209 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.67 | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | 0.93 | 4.57 | 0.15 | 0.21 | Hrs/mo | 101.3 | 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 | 2.15 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | 2.07 | 2.52 | 1.80 | 1.93 | Hrs/mo | 27.3 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,001 | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | 4,010 | 3,128 | 2,794 | 3,301 | Gal/mo | 44,009 | N/A | Gal/yr |
| Work Boat Fuel: | 3,652 | 3,378 | 3,843 | 3,181 | 3,280 | 4,485 | 7,040 | 3,467 | 4,345 | 3,389 | 3,027 | 3,576 | Gal/mo | 46,643 | N/A | Gal/yr |
| Total Boats Fuel | 6,654 | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | 8,355 | 6,517 | 5,821 | 6,878 | Gal/mo | 90,652 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC | 0.11 | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.11 | Tons/mo | 1.50 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx | 1.87 | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | 2.34 | 1.83 | 1.63 | 1.93 | Tons/mo | 25.43 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.11 | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.12 | Tons/mo | 1.52 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | Tons/mo | 0.34 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO | 0.34 | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | 0.43 | 0.33 | 0.30 | 0.35 | Tons/mo | 4.62 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Nov-22

| Equipment | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Monthly Units | 12-Month Total | Permit Limit | 12-Mo & Permit Units |
|-----------------------------|--------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------------------|
| Gas Consumption: | | | | | | | | | | | | | | | | |
| HP Planned | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | MSCF/mo | 0.13 | N/A | MMSCF/yr |
| HP Pilot/Purge | 0.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 124.0 | 120.0 | 124.0 | 120.0 | MSCF/mo | 1.22 | N/A | MMSCF/yr |
| HP Planned & P/P | 116.0 | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 133.0 | 120.0 | 124.0 | 120.0 | MSCF/mo | 1.35 | 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 | 12.1 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | 10.4 | 5.0 | 11.4 | 2.6 | 9.7 | MMSCF/mo | 111.35 | 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 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | 1.6 | 6.1 | 0.0 | 9.3 | 1.8 | MMSCF/mo | 28.14 | N/A | MMSCF/yr |
| Turbines @ all loads | 12.1 | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | 11.9 | 11.1 | 11.4 | 11.8 | 11.5 | MMSCF/mo | 139.48 | 850 | MMSCF/yr |
| Turbine@<1000 KW | 12.07 | 11.75 | 10.59 | 11.9 | 11.67 | 12.12 | 11.61 | 11.9 | 11.1 | 11.4 | 11.89 | 11.54 | MMSCF/mo | 139.57 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 0.08 | 0.00 | 0.00 | MGal/mo | 7.88 | 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 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | MGal/mo | 0.77 | N/A | MGal/yr |
| Turbines @ all loads | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | 0.01 | MGal/mo | 8.65 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.01 | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | 0.01 | MGal/mo | 8.65 | 150 | MGal/yr |
| Back-up Generator:G4 | 2.50 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | 1.73 | 3.08 | 0.63 | 0.00 | 0.42 | Hrs/mo | 17.00 | 1,314 | Hrs/yr |
| North Crane | 31.00 | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | 59.00 | 112.00 | 39.00 | 95.00 | 110.00 | Gal/mo | 877.0 | N/A | Gal/yr |
| South Crane | 27.50 | 1,267.00 | 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 | Gal/mo | 15,737.5 | N/A | Gal/yr |
| Crane Total | 58.50 | 1,393.00 | 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 | Gal/mo | 16,615 | 21,339 | Gal/yr |
| Turbine Starter Engines | 0.32 | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | 0.93 | 4.57 | 0.15 | 0.21 | 0.51 | Hrs/mo | 100.0 | 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 | 2.35 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | 2.07 | 2.52 | 1.80 | 1.93 | 2.43 | Hrs/mo | 27.6 | 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 | 0.00 | 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 | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 3,119 | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | 4,010 | 3,128 | 2,794 | 3,301 | 2,463 | Gal/mo | 43,471 | N/A | Gal/yr |
| Work Boat Fuel: | 3,378 | 3,843 | 3,181 | 3,280 | 4,485 | 7,040 | 3,467 | 4,345 | 3,389 | 3,027 | 3,576 | 2,668 | Gal/mo | 45,659 | N/A | Gal/yr |
| Total Boats Fuel | 6,497 | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | 8,355 | 6,517 | 5,821 | 6,878 | 5,131 | Gal/mo | 89,129 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC: | 0.11 | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.11 | 0.09 | Tons/mo | 1.48 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx: | 1.82 | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | 2.34 | 1.83 | 1.63 | 1.93 | 1.44 | Tons/mo | 25.00 | 46.87 | Tons/yr at 561.00 lbs/MGal |
| PM | 0.11 | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.12 | 0.09 | Tons/mo | 1.49 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx: | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | Tons/mo | 0.33 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| COI | 0.33 | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | 0.43 | 0.33 | 0.30 | 0.35 | 0.28 | Tons/mo | 4.55 | 8.52 | Tons/yr at 102.00 lbs/MGal |

Platform Gail
PTO No. 1494 Equipment Usage
Rolling 12-Months Ending:
Dec-22

| Equipment | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | 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 | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | 11.0 | MSCF/mo | 0.02 | N/A | MMSCF/yr |
| HP Pilot/Purge | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 124.0 | 120.0 | 124.0 | 120.0 | 124.0 | MSCF/mo | 1.34 | N/A | MMSCF/yr |
| HP Planned & P/P | 52.0 | 112.0 | 124.0 | 112.0 | 88.0 | 120.0 | 124.0 | 133.0 | 120.0 | 124.0 | 120.0 | 135.0 | MSCF/mo | 1.36 | 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 | 8.8 | 9.3 | 10.3 | 10.1 | 11.2 | 10.5 | 10.4 | 5.0 | 11.4 | 2.6 | 9.7 | 11.6 | MMSCF/mo | 110.94 | 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 | 3.0 | 1.2 | 1.6 | 1.5 | 0.9 | 1.1 | 1.6 | 6.1 | 0.0 | 9.3 | 1.8 | 0.1 | MMSCF/mo | 28.22 | N/A | MMSCF/yr |
| Turbines @ all loads | 11.7 | 10.6 | 11.9 | 11.7 | 12.1 | 11.6 | 11.9 | 11.1 | 11.4 | 11.8 | 11.5 | 11.7 | MMSCF/mo | 139.17 | 950 | MMSCF/yr |
| Turbine@<1000 KW | 11.75 | 10.59 | 11.90 | 11.7 | 12.12 | 11.61 | 11.94 | 11.1 | 11.4 | 11.9 | 11.54 | 11.56 | MMSCF/mo | 139.07 | 250 | MMSCF/yr |
| Diesel Use: | | | | | | | | | | | | | | | | |
| Turbines: G1 | 0.01 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 0.08 | 0.00 | 0.00 | 0.06 | MGal/mo | 7.94 | 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 | 0.51 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.01 | MGal/mo | 0.77 | N/A | MGal/yr |
| Turbines @ all loads | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | 0.01 | 0.07 | MGal/mo | 8.71 | 335 | MGal/yr |
| Turbine@<1000 KW | 0.02 | 0.96 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 7.54 | 0.08 | 0.00 | 0.01 | 0.06 | MGal/mo | 8.71 | 150 | MGal/yr |
| Back-up Generator:G4 | 0.97 | 1.37 | 1.25 | 0.98 | 1.33 | 2.73 | 1.73 | 3.08 | 0.63 | 0.00 | 0.42 | 0.80 | Hrs/mo | 15.30 | 1,314 | Hrs/yr |
| North Crane | 126.00 | 82.00 | 48.00 | 57.00 | 65.00 | 53.00 | 59.00 | 112.00 | 39.00 | 95.00 | 110.00 | 61.00 | Gal/mo | 907.0 | N/A | Gal/yr |
| South Crane | 1,267.00 | 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 | Gal/mo | 17,388.0 | N/A | Gal/yr |
| Crane Total | 1,393.00 | 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 | Gal/mo | 18,295 | 21,339 | Gal/yr |
| Turbine Starter Engines | 1.38 | 1.12 | 0.66 | 0.48 | 0.37 | 2.29 | 0.93 | 4.57 | 0.15 | 0.21 | 0.51 | 0.85 | Hrs/mo | 104.1 | 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 | 2.92 | 1.98 | 2.43 | 1.93 | 2.00 | 3.25 | 2.07 | 2.52 | 1.80 | 1.93 | 2.43 | 2.00 | Hrs/mo | 27.3 | 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 | 0.00 | 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 | 0.00 | 9.59 | Tons/yr ROC |
| Coatings Total | 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 | Gal/yr |
| Boats: | | | | | | | | | | | | | | | | |
| Crew Boat Fuel: | 4,288 | 4,843 | 4,850 | 4,225 | 3,249 | 3,201 | 4,010 | 3,128 | 2,794 | 3,301 | 2,463 | 3,017 | Gal/mo | 43,369 | N/A | Gal/yr |
| Work Boat Fuel: | 3,843 | 3,181 | 3,260 | 4,485 | 7,040 | 3,467 | 4,345 | 3,389 | 3,027 | 3,576 | 2,668 | 3,269 | Gal/mo | 45,549 | N/A | Gal/yr |
| Total Boats Fuel | 8,130 | 8,024 | 8,110 | 8,710 | 10,289 | 6,668 | 8,355 | 6,517 | 5,821 | 6,878 | 5,131 | 6,286 | Gal/mo | 88,918 | 167,100 | Gal/yr |
| Boat Emissions | | | | | | | | | | | | | | | | |
| ROC: | 0.13 | 0.13 | 0.13 | 0.14 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.11 | 0.09 | 0.10 | Tons/mo | 1.47 | 2.77 | Tons/yr at 33.15 lbs/MGal |
| NOx: | 2.28 | 2.25 | 2.27 | 2.44 | 2.89 | 1.87 | 2.34 | 1.83 | 1.63 | 1.93 | 1.44 | 1.76 | Tons/mo | 24.94 | 48.87 | Tons/yr at 561.00 lbs/MGal |
| PM: | 0.14 | 0.13 | 0.14 | 0.15 | 0.17 | 0.11 | 0.14 | 0.11 | 0.10 | 0.12 | 0.09 | 0.11 | Tons/mo | 1.49 | 2.80 | Tons/yr at 33.50 lbs/MGal |
| SOx: | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | Tons/mo | 0.33 | 0.63 | Tons/yr at 7.50 lbs/MGal |
| CO: | 0.41 | 0.41 | 0.41 | 0.44 | 0.52 | 0.34 | 0.43 | 0.33 | 0.30 | 0.35 | 0.26 | 0.32 | Tons/mo | 4.53 | 8.52 | Tons/yr at 102.00 lbs/MGal |



Letter of Conformance

February 1, 2023

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

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SC Fuels
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Office (805)299-1217
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