



February 15, 2021

Mr. Keith Macias  
Ventura County Air Pollution Control District  
669 County Square Drive  
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 2020 through December 2020:

- 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, G-02, and G-03, and South Crane).
- Please note that the High Pressure Planned Flaring exceedance resulting from September 2019 flaring event has already been documented by the District.
- 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 blue circular stamp or seal.

John Garnett  
EHSR Advisor

Attach.

Cc: Gerardo Rios, EPA Region IX

Ventura County Air Pollution Control District  
COMPLIANCE CERTIFICATION PERMIT FORM

Cover Sheet

Form TVPF45/12-24-98 Page 2 of 2


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.

Signature and Title of Responsible Official:  Title: <u>PEP-FHSR</u>	Date: <u>2/11/21</u>
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Time Period Covered by Compliance Certification: <u>01</u> / <u>01</u> / <u>20</u> (MM/DD/YY) to <u>12</u> / <u>31</u> / <u>20</u> (MM/DD/YY)
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# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>71.1N1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Tanks that are equipped with vapor recovery.</p>	<p>Periodic</p>
<p>C. Method of monitoring:</p> <p>Fugitive I&amp;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>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>71.1N6</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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>Periodic</p>
<p>C. Method of monitoring:</p> <p>Fugitive I&amp;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>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>71.5N1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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>Periodic</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



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.9N8</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.</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 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. <b>A report of the engine's fuel usage is attached.</b></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>74.9N9</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Stationary diesel-fired internal combustion engines used to power cranes and welding equipment</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 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>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>74.9N7</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>

C. Method of monitoring:

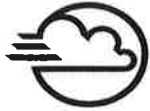
Records of operating hours. Date, time, duration, and reason for emergency operation. Records of engine data. Compliance is determined by logged hours of annual operation to ensure less than 50 hours per year.

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 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 74.23N2/1494</p>	<p>D. Frequency of monitoring:  Continuous, Annually</p>
<p>B. Description:  Stationary gas turbines – NO<sub>x</sub> 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>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:  Annual source tests of the turbines conducted at 30% load using the following methods: EPA Method 20 for NO<sub>x</sub>, 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. <b>Report containing fuel consumption is attached.</b></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>

<p>A. Attachment # or Permit Condition #: NSPS GG</p>	<p>D. Frequency of monitoring:  Continuous</p>
<p>B. Description:  Standards of performance, NO<sub>x</sub> limits, and SO<sub>2</sub> limits, limits of sulfur content of fuel, continuous monitoring requirements for stationary gas turbines.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:  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 <b>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.</b> 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>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 #: PO1494PC1 Condition No. 1</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Gail Additional Requirements - 12-month rolling records of throughput and consumption as provided in the Permitted Throughput and Consumption Limits Table in Section No. 3 of the Permit.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of fuel consumption for the flares, turbines (at all loads and at loads &lt; 1000 kW), back-up generator, starter engines, cranes, boom boat, and crew and supply boats are maintained in 12-month rolling records. Monthly emissions for the crew and work boats, and wipe cleaning solvents are calculated and are maintained in 12-month rolling records. Annual compliance certification that these records are maintained.</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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Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

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

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

<p><b>A. Attachment # or Permit Condition #:</b> PO1494PC1 Condition No. 4</p>	<p><b>D. Frequency of monitoring:</b></p> <p>Periodic</p>
<p><b>B. Description:</b></p> <p>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><b>E. Source test reference method, if applicable.</b> 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



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 5</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: 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: 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> 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>

<p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 6, 7, and 8</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: 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: 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> 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>

<p>A. Attachment # or Permit Condition #: PO1494PC1 Condition No. 9</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: 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: 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> 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>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

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

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

<b>A. Attachment # or Permit Condition #:</b> PO1494PC3	<b>D. Frequency of monitoring:</b>  <b>Periodic</b>
<b>B. Description:</b>  Drain pit operation exemption from Rule 71.4 requirements since its function is to act as a containment berm.	<b>E. Source test reference method, if applicable.</b> 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.</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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Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<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>

<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. <b>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.</b></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>



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Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

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

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

<p><b>A. Attachment # or Permit Condition #:</b> 57.1</p>	<p><b>D. Frequency of monitoring:</b></p> <p>None</p>
<p><b>B. Description:</b></p> <p>Combustion contaminants requirements – Specific – Fuel burning equipment</p>	<p><b>E. Source test reference method, if applicable.</b> 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% CO<sub>2</sub> 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:</p> <p>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:</p> <p>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:</p> <p>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:</p> <p>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>C. Method of monitoring:</p>	<p>E.</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 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>71.1.C</u></p>	<p>D. Frequency of monitoring:</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>Periodic</p>
<p>C. Method of monitoring:</p> <p>Fugitive I&amp;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>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>71.4.B.3</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Well cellar storage prohibition</p>	<p>None</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>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>71.4.B.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>First stage sump prohibition</p>	<p>None</p>
<p>C. Method of monitoring:</p> <p>Annual certification that there are no first stage production sumps at the facility.</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>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

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

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

A. Attachment # or Permit Condition #: 74.22	D. Frequency of monitoring:
B. Description: Natural gas-fired, fan-type central furnaces – NO <sub>x</sub> limits and certification requirements	None  E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring: Annual certification including a formal survey identifying each 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. <b>Platform Gail does not have any natural gas-fired, fan-type central furnaces.</b>	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 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.11.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Large Water Heaters and Small Boilers</p>	<p>None</p>
<p>C. Method of monitoring:</p> <p>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. <b>Platform Gail does not have any of the applicable units.</b></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>74.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Abrasive blasting requirements</p>	<p>Periodic</p>
<p>C. Method of monitoring:</p> <p>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></p> <p>*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:</p> <p>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 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (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></p> <p>*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></p> <p>*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. <b>ATCM emission standards are not federally enforceable.</b></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>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 2020 (MM/DD/YY) to 12 / 31 / 2020 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40CFR63ZZZZ3</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>RICE MACT for emergency diesel engines – 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:</p> <p>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 #: 40CFR63ZZZZ4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>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:</p> <p>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 #: 40CFR63ZZZZ6</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>RICE MACT for non-emergency diesel engines greater than 500 HP – CO ppm limit</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 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>





# ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 20 (MM/DD/YY) to 12 / 31 / 20 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #:</p> <p>74.10</p>	<p>B. Equipment description:</p> <p>Fugitive components</p>	<p>C. Deviation Period: Date &amp; Time</p> <p>Begin: 4/1/20</p> <p>End: 6/30/20</p> <p>When Discovered: Date &amp; Time: 10/9/20</p>
<p>D. Parameters monitored:</p>	<p>E. Limit:</p>	<p>F. Actual:</p>
<p>G. Probable Cause of Deviation:</p> <p>Failure to conduct Quarterly Monitoring in accordance with EPA Reference Method 21 in 2Q2020.</p>		<p>H. Corrective actions taken:</p> <p>Resumed quarterly inspections in 3Q2020. NOV issued.</p>

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

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



# ANNUAL COMPLIANCE CERTIFICATION

## SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/20 (MM/DD/YY) to 12/31/20 (MM/DD/YY)

A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas)			B. Pollutant: NO <sub>x</sub>
C. Measured Emission Rate: 2.9 ppmv @ 15% O <sub>2</sub>	D. Limited Emission Rate: 5 ppmv @ 15% O <sub>2</sub>	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: February 25, 2020

A. Emission Unit Description: Turbine G-01 @ 30% Load (Gas)			B. Pollutant: NH <sub>3</sub>
C. Measured Emission Rate: 14.1 ppmv @ 15% O <sub>2</sub>	D. Limited Emission Rate: 20 ppmv @ 15% O <sub>2</sub>	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: February 25, 2020

A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel)			B. Pollutant: NO <sub>x</sub>
C. Measured Emission Rate: 6.7 ppmv @ 15% O <sub>2</sub>	D. Limited Emission Rate: 13 ppmv @ 15% O <sub>2</sub>	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: February 25, 2020

A. Emission Unit Description: Turbine G-01 @ 30% Load (Diesel)			B. Pollutant: NH <sub>3</sub>
C. Measured Emission Rate: 13.5 ppmv @ 15% O <sub>2</sub>	D. Limited Emission Rate: 20 ppmv @ 15% O <sub>2</sub>	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: February 25, 2020



# ANNUAL COMPLIANCE CERTIFICATION

## SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/20 (MM/DD/YY) to 12/31/20 (MM/DD/YY)

<b>A. Emission Unit Description:</b> Turbine G-03 @ 30% Load  (Gas)			<b>B. Pollutant:</b> NO <sub>x</sub>
<b>C. Measured Emission Rate:</b> 3.5 ppmv @ 15% O <sub>2</sub>	<b>D. Limited Emission Rate:</b> 5 ppmv @ 15% O <sub>2</sub>	<b>E. Specific Source Test or Monitoring Record Citation:</b> AIR-x Job No. 22012	<b>F. Test Date:</b> February 25, 2020

<b>A. Emission Unit Description:</b> Turbine G-03 @ 30% Load  (Gas)			<b>B. Pollutant:</b> NH <sub>3</sub>
<b>C. Measured Emission Rate:</b> 12.8 ppmv @ 15% O <sub>2</sub>	<b>D. Limited Emission Rate:</b> 20 ppmv @ 15% O <sub>2</sub>	<b>E. Specific Source Test or Monitoring Record Citation:</b> AIR-x Job No. 22012	<b>F. Test Date:</b> February 25, 2020

<b>A. Emission Unit Description:</b> Turbine G-03 @ 30% Load  (Diesel)			<b>B. Pollutant:</b> NO <sub>x</sub>
<b>C. Measured Emission Rate:</b> 6.8 ppmv @ 15% O <sub>2</sub>	<b>D. Limited Emission Rate:</b> 13 ppmv @ 15% O <sub>2</sub>	<b>E. Specific Source Test or Monitoring Record Citation:</b> AIR-x Job No. 22012	<b>F. Test Date:</b> February 25, 2020

<b>A. Emission Unit Description:</b> Turbine G-03 @ 30% Load  (Diesel)			<b>B. Pollutant:</b> NH <sub>3</sub>
<b>C. Measured Emission Rate:</b> 12.1 ppmv @ 15% O <sub>2</sub>	<b>D. Limited Emission Rate:</b> 20 ppmv @ 15% O <sub>2</sub>	<b>E. Specific Source Test or Monitoring Record Citation:</b> AIR-x Job No. 22012	<b>F. Test Date:</b> February 25, 2020



Ventura County  
Air Pollution  
Control District

# ANNUAL COMPLIANCE CERTIFICATION

## SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01/01/20 (MM/DD/YY) to 12/31/20 (MM/DD/YY)

A. Emission Unit Description: South Crane			B. Pollutant: CO
C. Measured Emission Rate: 12.7 ppmv @ 15% O <sub>2</sub>	D. Limited Emission Rate: 23 ppmv @ 15% O <sub>2</sub>	E. Specific Source Test or Monitoring Record Citation: AIR-x Job No. 22012	F. Test Date: February 26, 2020

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
NORTH CRANE ENGINE SERVICE  
CATERPILLER 3306, 225 HP**

DATE 6/23/2020

HOURS: 1010

MECHANIC: QUINN

**ANNUAL SERVICE (OR 500 HOURS)<sup>A</sup>**

INSPECT/CHANGE HOSES AND BELTS:

COMMENTS: \_\_\_\_\_

CHANGE OIL & FUEL FILTERS:

COMMENTS: \_\_\_\_\_

CHANGE CRANK CASE OIL:

COMMENTS: \_\_\_\_\_

REPLACE AIR FILTERS:

COMMENTS: \_\_\_\_\_

**2000 HOUR SERVICE<sup>B</sup>**

INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:

COMMENTS: \_\_\_\_\_

INSPECT/ADJUST VALVE LASH:

COMMENTS: \_\_\_\_\_

INSPECT/REPLACE VALVE ROTATORS:

COMMENTS: \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

ENGINE REBUILT BY QUINN BAKERSFIELD AND INSTALLED BY CWI.

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SIGNATURE *Seth McBeath*

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 500 HOURS

(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.

**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
SOUTH CRANE ENGINE SERVICE  
CATERPILLER 3412, 545 HP**

DATE 7/8/2020

HOURS: 8986

MECHANIC: SETH MCXBEATH / AUSTIN WRIGHT

**ANNUAL SERVICE (OR 500 HOURS)<sup>A</sup>**

INSPECT/CHANGE HOSES AND BELTS:

COMMENTS: INSPECTED

CHANGE OIL & FUEL FILTERS:

COMMENTS: REPLACED

CHANGE CRANK CASE OIL:

COMMENTS: CHANGED

REPLACE AIR FILTERS:

COMMENTS: REPLACED

**2000 HOUR SERVICE<sup>B</sup>**

INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:

COMMENTS: \_\_\_\_\_

INSPECT/ADJUST VALVE LASH:

COMMENTS: \_\_\_\_\_

INSPECT/REPLACE VALVE ROTATORS:

COMMENTS: \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

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SIGNATURE *Seth McBeath*

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 500 HOURS  
(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.

**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
G-1 TURBINE STARTER ENGINE SERVICE  
DETRIOT DIESEL, 140 HP**

DATE 4/9/2020

HOURS: 716.45

MECHANIC: KIRK HOFMEISTER

**ANNUAL SERVICE (OR 500 HOURS)<sup>A</sup>**

**INSPECT/CHANGE HOSES AND BELTS:**

**COMMENTS:** INSPECTED

**CHANGE OIL & FUEL FILTERS:**

**COMMENTS:** YES

**CHANGE CRANK CASE OIL:**

**COMMENTS:** YES

**REPLACE AIR FILTERS:**

**COMMENTS:** YES

**2000 HOUR SERVICE<sup>B</sup>**

**INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:**

**COMMENTS:** \_\_\_\_\_

**INSPECT/ADJUST VALVE LASH:**

**COMMENTS:** \_\_\_\_\_

**INSPECT/REPLACE VALVE ROTATORS:**

**COMMENTS:** \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

SIGNATURE

*Kirk Hofmeister*

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 500 HOURS

(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.

**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
G-3 TURBINE STARTER ENGINE SERVICE  
DETROIT DIESEL, 140 HP**

DATE 4/9/2020

HOURS: 646.22

MECHANIC: KIRK HOFMEISTER

**ANNUAL SERVICE (OR 500 HOURS)<sup>A</sup>**

**INSPECT/CHANGE HOSES AND BELTS:**

**COMMENTS:** INSPECTED

**CHANGE OIL & FUEL FILTERS:**

**COMMENTS:** YES

**CHANGE CRANK CASE OIL:**

**COMMENTS:** YES

**REPLACE AIR FILTERS:**

**COMMENTS:** YES

**2000 HOUR SERVICE<sup>B</sup>**

**INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:**

**COMMENTS:** \_\_\_\_\_

**INSPECT/ADJUST VALVE LASH:**

**COMMENTS:** \_\_\_\_\_

**INSPECT/REPLACE VALVE ROTATORS:**

**COMMENTS:** \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

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SIGNATURE *Kirk Hofmeister*

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 500 HOURS

(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.



**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
P-18 FIRE WATER PUMP  
481 BHP CATIPILLAR**

DATE 4/8/2020

HOURS: 730

MECHANIC: KIRK HOFMEISTER

**ANNUAL SERVICE (OR 500 HOURS)<sup>A</sup>**

INSPECT/CHANGE HOSES AND BELTS:

COMMENTS: \_\_\_\_\_

CHANGE OIL & FUEL FILTERS:

COMMENTS: YES

CHANGE CRANK CASE OIL:

COMMENTS: YES

REPLACE AIR FILTERS:

COMMENTS: YES

**2000 HOUR SERVICE<sup>B</sup>**

INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:

COMMENTS: \_\_\_\_\_

INSPECT/ADJUST VALVE LASH:

COMMENTS: \_\_\_\_\_

INSPECT/REPLACE VALVE ROTATORS:

COMMENTS: \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

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SIGNATURE *Kirk Hofmeister*

(A) IF 500 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 500 HOURS

(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.

**40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN**

**PLATFORM GAIL  
BACK-UP AIR COMPRESSOR ENGINE SERVICE  
K-09 LAMBARDINI 17.5 HP**

DATE 4/12/2020

HOURS: 30

MECHANIC: KIRK HOFMEISTER

**ANNUAL SERVICE (OR 250 HOURS)<sup>A</sup>**

INSPECT/CHANGE HOSES AND BELTS:

COMMENTS: \_\_\_\_\_

CHANGE OIL & FUEL FILTERS:

COMMENTS: YES

CHANGE CRANK CASE OIL:

COMMENTS: YES

REPLACE AIR FILTERS:

COMMENTS: YES

**2000 HOUR SERVICE<sup>B</sup>**

INSPECT/CLEAN/CALIBRATE SPEED/TIMING SENSORS:

COMMENTS: \_\_\_\_\_

INSPECT/ADJUST VALVE LASH:

COMMENTS: \_\_\_\_\_

INSPECT/REPLACE VALVE ROTATORS:

COMMENTS: \_\_\_\_\_

**ADDITIONAL MAINTENANCE**

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SIGNATURE Kirk Hofmeister

(A) IF 250 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM SERVICE AT 250 HOURS

(B) CLEAN, CALIBRATE, ADJUST, REPLACE AS NECESSARY.

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Jan-20**

Equipment	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	23.0	0.0	233.0	1.0	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	MSCF/mo	4.36	N/A	MMSCF/Yr
HP Pilot/Purge	83.2	92.1	89.1	89.1	89.1	92.1	92.1	89.1	92.1	89.1	92.1	92.1	MSCF/mo	1.08	N/A	MMSCF/Yr
HP Planned & P/P	83.2	115.1	89.1	322.1	90.1	92.1	92.1	4,061.1	114.1	89.1	144.1	144.1	MSCF/mo	5.44	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	0.0	1.3	2.3	9.2	5.5	9.8	12.3	0.0	0.0	6.7	11.1	11.1	MMSCF/mo	69.20	N/A	MMSCF/Yr
G2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.08	N/A	MMSCF/Yr
G3	12.1	11.9	10.5	4.0	6.5	2.7	0.7	11.9	13.1	6.1	2.0	2.0	MMSCF/mo	83.42	N/A	MMSCF/Yr
Turbines @ all loads	12.1	13.3	12.8	13.2	12.1	12.5	12.9	11.9	13.1	12.8	13.1	13.1	MMSCF/mo	152.70	850	MMSCF/Yr
Turbine@<1000 KW	12.10	13.25	12.80	13.2	12.05	12.45	12.94	11.9	13.1	12.8	13.07	13.07	MMSCF/mo	152.70	290.0	MMSCF/Yr
Diesel Use:																
Turbines: G1	0.00	0.33	0.00	0.01	0.04	0.00	0.04	0.00	0.00	0.01	0.006	0.006	MGal/mo	0.44	N/A	MGal/Yr
G2	0.05	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.000	MGal/mo	0.40	N/A	MGal/Yr
G3	0.00	0.75	0.01	0.02	0.00	0.00	0.00	2.23	0.06	0.00	0.005	0.0050	MGal/mo	3.09	N/A	MGal/Yr
Turbines @ all loads	0.0	1.4	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.01	0.012	MGal/mo	3.93	335	MGal/Yr
Turbine@<1000 KW	0.05	1.32	0.02	0.03	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.012	MGal/mo	3.82	150	MGal/Yr
Back-up Generator:G4	0.25	0.06	0.10	0.10	0.18	0.06	0.07	0.04	0.00	0.06	0.07	0.07	MGal/mo	1.05	32.13	MGal/Yr
North Crane	68.00	39.00	0.00	62.00	64.00	46.00	67.00	0.00	180.20	0.00	0.00	0.00	Gal/mo	526.2	N/A	Gal/Yr
South Crane	189.00	149.00	291.00	337.00	176.00	452.00	277.00	198.00	419.00	206.00	346.00	346.00	Gal/mo	3,388.0	N/A	Gal/Yr
Crane Total	257.00	188.00	291.00	399.00	240.00	498.00	344.00	198.00	599.20	208.00	346.00	346.00	Gal/mo	3,914	21,339	Gal/Yr
Turbine Starter Engines	2.22	4.52	1.04	1.79	0.50	1.01	0.67	1.38	0.28	2.31	0.19	0.19	Hrs/mo	124.0	960	Gal/Yr at 7.7 gal/hr
Boom Boat (VP)	0.50	0.40	0.60	0.00	0.40	0.20	8.60	0.60	0.00	0.00	0.00	0.00	Gal/mo	11.3	1,406	Gal/Yr
P-18 - Em FW Pump	4.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	9.00	3.00	1.00	1.00	Hrs/mo	29.0	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																
Envirocol 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
Transbeam 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	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 7.28 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	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	0.000	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:	2,755	2,400	2,983	2,310	3,580	2,825	3,264	3,671	3,941	4,016	3,362	3,362	Gal/mo	38,467	N/A	Gal/Yr
Work Boat Fuel:	2,984	1,690	2,406	5,005	3,879	1,788	3,536	3,976	4,269	4,350	3,642	3,642	Gal/mo	41,167	N/A	Gal/Yr
Total Boats Fuel	5,739	4,090	5,390	7,315	7,459	4,612	6,800	7,647	8,210	8,366	7,003	7,003	Gal/mo	79,633	167,100	Gal/Yr
Boat Emissions																
ROC	0.10	0.07	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	Tons/mo	1.32	2.77	Tons/Yr at 33.15 lbs/MGal
NOx	1.61	1.15	1.51	2.05	2.09	1.29	1.91	2.14	2.30	2.35	1.96	1.96	Tons/mo	22.34	46.87	Tons/Yr at 661.00 lbs/MGal
PM	0.10	0.07	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	Tons/mo	1.33	2.80	Tons/Yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.30	0.63	Tons/Yr at 7.50 lbs/MGal
CO	0.29	0.21	0.27	0.37	0.38	0.24	0.35	0.39	0.42	0.43	0.36	0.36	Tons/mo	4.06	8.52	Tons/Yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Feb-20**

Equipment	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	23.0	0.0	233.0	1.0	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	MSCF/mo	4.41	N/A	MMSCF/yr
HP Pilot/Purge	92.1	89.1	89.1	92.1	92.1	92.1	89.1	92.1	89.1	92.1	92.1	92.1	MSCF/mo	1.09	N/A	MMSCF/yr
HP Planned & P/P	115.1	89.1	322.1	90.1	92.1	92.1	4,061.1	114.1	89.1	144.1	144.1	144.1	MSCF/mo	5.50	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	1.3	2.3	92	5.5	9.8	12.3	0.0	0.0	6.7	11.1	11.1	11.1	MMSCF/mo	80.27	N/A	MMSCF/yr
G2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.06	N/A	MMSCF/yr
G3	11.9	10.5	4.0	6.5	2.7	0.7	11.9	13.1	6.1	2.0	2.0	2.0	MMSCF/mo	73.34	N/A	MMSCF/yr
Turbines @ all loads	13.3	12.8	13.2	12.1	12.5	12.9	11.9	13.1	12.8	13.1	13.1	13.1	MMSCF/mo	153.68	850	MMSCF/yr
Turbine@<1000 KW	13.25	12.80	13.21	12.0	12.45	12.94	11.93	13.1	12.8	13.1	13.07	13.07	MMSCF/mo	153.68	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.33	0.00	0.01	0.04	0.00	0.04	0.00	0.00	0.01	0.01	0.006	0.006	MGal/mo	0.45	N/A	MGal/yr
G2	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	MGal/mo	0.35	N/A	MGal/yr
G3	0.75	0.01	0.02	0.00	0.00	0.00	2.23	0.06	0.00	0.000	0.005	0.0050	MGal/mo	3.10	N/A	MGal/yr
Turbines @ all loads	1.4	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.01	0.0112	MGal/mo	3.90	335	MGal/yr
Turbine@<1000 KW	1.32	0.02	0.03	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.01	0.0112	MGal/mo	3.79	150	MGal/yr
Back-up Generator:G4	0.06	0.10	0.10	0.18	0.06	0.07	0.04	0.00	0.06	0.07	0.07	0.07	MGal/mo	0.86	32.13	MGal/yr
North Crane	39.00	0.00	62.00	64.00	46.00	67.00	0.00	180.20	0.00	0.00	0.00	0.00	Gall/mo	458.2	N/A	Gall/yr
South Crane	149.00	291.00	337.00	176.00	452.00	277.00	198.00	419.00	208.00	346.00	346.00	346.00	Gall/mo	3,545.0	N/A	Gall/yr
Crane Total	188.00	291.00	399.00	240.00	498.00	344.00	198.00	599.20	208.00	346.00	346.00	346.00	Gall/mo	4,003	21,339	Gall/yr
Turbine Starter Engines	4.52	1.04	1.79	0.50	1.01	0.67	1.38	0.28	2.31	0.19	0.19	0.19	Hrs/mo	108.3	960	Gall/yr at 7.7 gal/hr
Boom Boat (VP)	0.40	0.60	0.00	0.40	0.20	8.60	0.60	0.00	0.00	0.00	0.00	0.00	Gall/mo	10.8	1,406	Gall/yr
P-18 - Em FW Pump	1.00	1.00	2.00	2.00	1.00	2.00	2.00	9.00	3.00	1.00	1.00	1.00	Hrs/mo	26.0	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																
Envirocol 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	Gall/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gall/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gall/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transbeam Plus													Gall/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	Gall/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gall/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	Gall/mo	0.000	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent 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	Gall/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	Gall/mo	0.00	N/A	Gall/yr
Boats:																
Crew Boat Fuel:	2.400	2.983	2.310	3.580	2.825	3.284	3.671	3.941	4.016	3.362	3.362	3.362	Gall/mo	39.073	N/A	Gall/yr
Work Boat Fuel:	1.690	2.406	5.005	3.879	1.788	3.536	3.976	4.269	4.350	3.642	3.642	3.642	Gall/mo	41.824	N/A	Gall/yr
Total Boats Fuel	4.090	5.390	7.315	7.459	4.612	6.800	7.647	8.210	8.366	7.003	7.003	7.003	Gall/mo	80.897	167,100	Gall/yr
Boat Emissions																
ROC	0.07	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	Tons/mo	1.34	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.15	1.51	2.05	2.09	1.29	1.91	2.14	2.30	2.35	1.96	1.96	1.96	Tons/mo	22.68	46.87	Tons/yr at 561.00 lbs/MGal
PM	0.07	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	Tons/mo	1.36	2.80	Tons/yr at 39.50 lbs/MGal
SOx	0.02	0.02	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.30	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.21	0.27	0.37	0.38	0.24	0.35	0.39	0.42	0.43	0.36	0.36	0.36	Tons/mo	4.13	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Mar-20**

Equipment	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	233.0	1.0	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	MSCF/mo	4.44	N/A	MMSCF/yr
HP Pilot/Purge	89.1	89.1	89.1	92.1	92.1	89.1	92.1	89.1	92.1	92.1	92.1	92.1	MSCF/mo	1.09	N/A	MMSCF/yr
HP Planned & P/P	89.1	322.1	90.1	92.1	92.1	4,061.1	114.1	89.1	144.1	144.1	144.1	144.1	MSCF/mo	5.53	4.9	MMSCF/yr
HP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
LP Planned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Pilot/Purge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
LP Planned & P/P	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	2.31	MMSCF/yr
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	2.3	9.2	5.5	9.8	12.3	0.0	0.0	6.7	11.1	11.1	11.1	11.1	MMSCF/mo	90.02	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	10.5	4.0	6.5	2.7	11.9	13.1	13.1	6.1	2.0	2.0	2.0	2.0	MMSCF/mo	63.45	N/A	MMSCF/yr
Turbines @ all loads	12.8	13.2	12.1	12.5	12.9	11.9	13.1	12.8	13.1	13.1	13.1	13.1	MMSCF/mo	153.47	850	MMSCF/yr
Turbine@<1000 KW	12.80	13.21	12.05	12.5	12.94	11.93	13.07	12.8	13.1	13.1	13.07	13.07	MMSCF/mo	153.50	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.00	0.01	0.04	0.00	0.04	0.00	0.00	0.01	0.01	0.01	0.006	0.006	MGal/mo	0.12	N/A	MGal/yr
G2	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	MGal/mo	0.01	N/A	MGal/yr
G3	0.01	0.02	0.00	0.00	0.00	2.23	0.06	0.00	0.00	0.00	0.005	0.0050	MGal/mo	2.35	N/A	MGal/yr
Turbines @ all loads	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.0	0.01	0.0112	MGal/mo	2.48	335	MGal/yr
Turbine@<1000 KW	0.02	0.03	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.01	0.01	0.0112	MGal/mo	2.48	150	MGal/yr
Back-up Generator:G4	0.10	0.10	0.18	0.06	0.07	0.04	0.00	0.06	0.07	0.07	0.07	0.07	MGal/mo	0.87	32.13	MGal/yr
North Crane	0.00	62.00	64.00	46.00	67.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	Gal/mo	419.2	N/A	Gal/yr
South Crane	291.00	337.00	176.00	452.00	277.00	198.00	413.00	208.00	346.00	346.00	346.00	346.00	Gal/mo	3,742.0	N/A	Gal/yr
Crane Total	291.00	399.00	240.00	498.00	344.00	198.00	593.20	208.00	346.00	346.00	346.00	346.00	Gal/mo	4,161	21,339	Gal/yr
Turbine Starter Engines	1.04	1.79	0.50	1.01	0.67	1.38	0.28	2.31	0.19	0.19	0.19	0.19	Hrs/mo	75.0	960	Gal/yr at 7 gal/hr
Boom Boat (VP)	0.60	0.00	0.40	0.20	8.60	0.60	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	10.4	1,406	Gal/yr
P-18 - Em FW Pump	1.00	2.00	2.00	1.00	2.00	2.00	9.00	3.00	1.00	1.00	1.00	1.00	Hrs/mo	26.0	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	Bbl/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 lbs/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lbs/gal
Z-Sol													Gal/mo	0.000	N/A	Tons/yr ROC at 0.17 lbs/gal
Transoform Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lbs/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 lbs/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lbs/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 lbs/gal
Solvent 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	0.000	9.59	Tons/yr ROC
Coatings Total													Gal/mo	0.00	N/A	Gal/yr
Boats:																
Crew Boat Fuel	2,983	2,310	3,580	2,825	3,264	3,671	3,941	4,016	3,362	3,362	3,362	3,362	Gal/mo	40,035	N/A	Gal/yr
Work Boat Fuel:	2,406	5,005	3,879	1,788	3,536	3,976	4,269	3,642	3,642	3,642	3,642	3,642	Gal/mo	83,776	N/A	Gal/yr
Total Boats Fuel	5,390	7,315	7,459	4,612	6,800	7,647	8,210	7,658	7,004	7,004	7,004	7,004	Gal/mo	123,811	167,100	Gal/yr
Boat Emissions																
ROC	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	Tons/mo	1.39	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.51	2.05	2.09	1.29	1.91	2.14	2.30	2.35	1.96	1.96	1.96	1.96	Tons/mo	23.51	46.87	Tons/yr at 661.00 lbs/MGal
PM	0.09	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	Tons/mo	1.40	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.31	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.27	0.37	0.38	0.24	0.35	0.39	0.42	0.43	0.35	0.35	0.35	0.35	Tons/mo	4.27	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Apr-20**

Equipment	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	233.0	1.0	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	4.49	N/A	MMSCF/yr
HP Pilot/Purge	89.1	89.1	92.1	92.1	89.1	92.1	89.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.09	N/A	MMSCF/yr
HP Planned & PIP	322.1	90.1	92.1	92.1	4,061.1	114.1	89.1	144.1	144.1	144.1	144.1	144.1	MSCF/mo	5.58	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 & PIP	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	9.2	5.5	9.8	12.3	0.0	0.0	6.7	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	98.80	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	4.0	6.5	2.7	11.9	13.1	13.1	6.1	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	54.95	N/A	MMSCF/yr
Turbines @ all loads	13.2	12.1	12.5	12.9	11.9	13.1	12.8	13.1	13.1	13.1	13.1	13.1	MMSCF/mo	153.75	850	MMSCF/yr
Turbine@-1000 KW	13.21	12.05	12.45	12.9	11.93	13.07	12.76	13.1	13.1	13.1	13.07	13.07	MMSCF/mo	153.78	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.01	0.04	0.00	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.13	N/A	MGal/yr
G2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
G3	0.02	0.00	0.00	0.00	2.23	0.06	0.00	0.00	0.00	0.00	0.005	0.005	MGal/mo	2.35	N/A	MGal/yr
Turbines @ all loads	0.03	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.01	0.01	0.01	0.01	MGal/mo	2.48	335	MGal/yr
Turbine@-1000 KW	0.03	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.01	0.01	0.01	0.01	MGal/mo	2.48	150	MGal/yr
Back-up Generator:G4	0.10	0.18	0.06	0.07	0.04	0.00	0.06	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.84	32.13	MGal/yr
North Crane	62.00	64.00	46.00	67.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00	Gall/mo	419.2	N/A	Gall/yr
South Crane	337.00	176.00	452.00	277.00	198.00	413.00	208.00	346.00	346.00	346.00	346.00	346.00	Gall/mo	3,797.0	N/A	Gall/yr
Crane Total	399.00	240.00	498.00	344.00	198.00	593.20	208.00	346.00	346.00	346.00	346.00	346.00	Gall/mo	4,216	21,339	Gall/yr
Turbine Starter Engines	1.79	0.50	1.01	0.67	1.38	0.28	2.31	0.19	0.19	0.19	0.19	0.19	Hrs/mo	68.5	960	Gall/yr at 7.7 gal/hr
Boom Boat (VP)	0.00	0.40	0.20	8.60	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gall/mo	9.8	1,408	Gall/yr
P-18 -Em FW Pump	2.00	2.00	1.00	2.00	2.00	9.00	3.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	26.0	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	Gall/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gall/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gall/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gall/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	Gall/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57													Gall/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	Gall/mo	0.000	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent 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	Gall/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	Gall/mo	0.00	N/A	Gall/yr
Boats:																
Crew Boat Fuel:	2.310	3.580	2.825	3.264	3.671	3.941	4.016	3.362	3.362	3.362	3.362	3.362	Gall/mo	40.413	N/A	Gall/yr
Work Boat Fuel:	5.005	3.879	1.788	3.586	3.976	4.259	4.350	3.642	3.642	3.642	3.642	3.642	Gall/mo	45.011	N/A	Gall/yr
Total Boats Fuel	7.315	7.459	4.613	6.850	7.647	8.210	8.366	7.003	7.003	7.003	7.003	7.003	Gall/mo	85.424	167,100	Gall/yr
Boat Emissions																
ROC	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.42	2.77	Tons/yr at 33.15 lbs/MGal
NOx	2.05	2.09	1.29	1.81	2.14	2.30	2.35	1.96	1.96	1.96	1.96	1.96	Tons/mo	23.96	46.87	Tons/yr at 661.00 lbs/MGal
PM	0.12	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.43	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.32	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.37	0.38	0.24	0.35	0.39	0.42	0.43	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.36	8.52	Tons/yr at 102.00 lbs/MGal

Platform Gail  
PTO No. 1494 Equipment Usage  
Rolling 12-Months Ending:  
May-20

Equipment	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	1.0	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	4.31	N/A	MMSCF/yr
HP Pilot/Purge	89.1	92.1	92.1	89.1	92.1	89.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.70	N/A	MMSCF/yr
HP Planned & PIP	90.1	92.1	92.1	4,061.1	114.1	89.1	144.1	144.1	144.1	144.1	144.1	144.1	MSCF/mo	5.40	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 & PIP	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	12.3	0.0	0.0	6.7	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	100.64	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	2.7	0.7	11.9	13.1	6.1	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	52.97	N/A	MMSCF/yr
Turbines @ all loads	12.1	12.5	12.9	11.9	13.1	12.8	13.1	13.1	13.1	13.1	13.1	13.1	MMSCF/mo	153.61	850	MMSCF/yr
Turbine@~1000 KW	12.05	12.45	12.94	11.9	13.07	12.76	13.07	13.1	13.1	13.1	13.07	13.07	MMSCF/mo	153.64	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.04	0.00	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.006	0.006	MGal/mo	0.13	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	0.000	0.000	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.00	2.23	0.06	0.00	0.00	0.00	0.00	0.00	0.005	0.0050	MGal/mo	2.33	N/A	MGal/yr
Turbines @ all loads	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.01	0.0112	MGal/mo	2.46	335	MGal/yr
Turbine@~1000 KW	0.04	0.00	0.04	2.23	0.06	0.02	0.01	0.01	0.01	0.01	0.01	0.0112	MGal/mo	2.46	150	MGal/yr
Back-up Generator:G4	0.18	0.06	0.07	0.04	0.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.80	32.13	MGal/yr
North Crane	64.00	46.00	67.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	357.2	N/A	Gal/yr
South Crane	176.00	452.00	277.00	198.00	419.00	208.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	3,806.0	N/A	Gal/yr
Crane Total	240.00	498.00	344.00	198.00	599.20	208.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,163	21,339	Gal/yr
Turbine Starter Engines	0.50	1.01	0.67	1.38	0.28	2.31	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	56.1	960	Gal/yr at 7.7 gal/hr
Boom Boat (VP)	0.40	0.20	8.60	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	9.8	1,406	Gal/yr
P-18 -Em FW Pump	2.00	1.00	2.00	2.00	9.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	25.0	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																
Envirocol 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	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 7.28 lb/gal
Carbolite 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	0.000	N/A	Tons/yr ROC at 7.10 lb/gal
Solvent 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	0.000	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	3,580	2,825	3,264	3,671	3,941	4,016	3,362	3,362	3,362	3,362	3,362	3,362	Gal/mo	41,465	N/A	Gal/yr
Work Boat Fuel	3,879	1,788	3,536	3,976	4,269	4,350	3,642	3,642	3,642	3,642	3,642	3,642	Gal/mo	43,648	N/A	Gal/yr
Total Boats Fuel	7,459	4,612	6,800	7,647	8,210	8,366	7,003	7,003	7,003	7,003	7,003	7,003	Gal/mo	85,112	167,100	Gal/yr
Boat Emissions																
ROC	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.41	2.77	Tons/yr at 33.15 lbs/MGal
NOx	2.09	1.29	1.91	2.14	2.30	2.35	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	23.87	46.87	Tons/yr at 661.00 lbs/MGal
PW	0.12	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.43	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.32	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.36	0.24	0.35	0.39	0.42	0.43	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.34	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Jun-20**

Equipment	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	4.36	N/A	MMSCF/yr
HP Pilot/Purge	92.1	92.1	89.1	92.1	89.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
<b>HP Planned &amp; P/P</b>	<b>92.1</b>	<b>92.1</b>	<b>4,061.1</b>	<b>114.1</b>	<b>89.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>MSCF/mo</b>	<b>5.46</b>	<b>4.9</b>	<b>MMSCF/yr</b>
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
<b>LP Planned &amp; P/P</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>2.31</b>	<b>MMSCF/yr</b>
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	12.3	0.0	0.0	6.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	106.20	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	2.7	0.7	11.9	13.1	6.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	48.42	N/A	MMSCF/yr
<b>Turbines @ all loads</b>	<b>12.5</b>	<b>12.9</b>	<b>11.9</b>	<b>13.1</b>	<b>12.8</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>MMSCF/mo</b>	<b>154.63</b>	<b>850</b>	<b>MMSCF/yr</b>
<b>Turbine@&lt;1000 KW</b>	<b>12.45</b>	<b>12.94</b>	<b>11.93</b>	<b>13.1</b>	<b>12.76</b>	<b>13.07</b>	<b>13.07</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>MMSCF/mo</b>	<b>154.66</b>	<b>250.0</b>	<b>MMSCF/yr</b>
Diesel Use:																
Turbines: G1	0.00	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.10	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	2.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.005	0.005	MGal/mo	2.33	N/A	MGal/yr
<b>Turbines @ all loads</b>	<b>0.0</b>	<b>0.0</b>	<b>2.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>2.43</b>	<b>335</b>	<b>MGal/yr</b>
<b>Turbine@&lt;1000 KW</b>	<b>0.00</b>	<b>0.04</b>	<b>2.23</b>	<b>0.06</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>2.43</b>	<b>150</b>	<b>MGal/yr</b>
<b>Back-up Generator:G4</b>	<b>0.06</b>	<b>0.07</b>	<b>0.04</b>	<b>0.00</b>	<b>0.06</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>MGal/mo</b>	<b>0.69</b>	<b>32.13</b>	<b>MGal/yr</b>
North Crane	46.00	67.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gall/mo	293.2	N/A	Gall/yr
South Crane	452.00	277.00	198.00	419.00	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gall/mo	3,976.0	N/A	Gall/yr
<b>Crane Total</b>	<b>498.00</b>	<b>344.00</b>	<b>198.00</b>	<b>599.20</b>	<b>208.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>Gall/mo</b>	<b>4,269</b>	<b>21,339</b>	<b>Gall/yr</b>
Turbine Starter Engines	1.01	0.67	1.38	0.28	2.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	53.7	960	Gall/yr at 7.2 gal/hr
Boom Boat (VP)	0.20	8.60	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gall/mo	9.4	1,406	Gall/yr
<b>P-18 - Em FW Pump</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>9.00</b>	<b>3.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>Hrs/mo</b>	<b>24.0</b>	<b>50</b>	<b>Hrs/yr</b>
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																
Envirocol 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	Gall/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
87 RB													Gall/mo	0.00	N/A	Tons/yr ROC at 6.64 lb/gal
Z-Sol													Gall/mo	0.000	N/A	Tons/yr ROC at 0.17 lb/gal
Transfoam Plus													Gall/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	Gall/mo	0.00	N/A	Tons/yr ROC at 7.39 lb/gal
Sigma Thinner 91-57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gall/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	Gall/mo	0.00	N/A	Tons/yr ROC at 7.10 lb/gal
<b>Solvent Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gall/mo</b>	<b>0.000</b>	<b>9.59</b>	<b>Tons/yr ROC</b>
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	Gall/mo	0.00	N/A	Gall/yr
Boats:																
Crew Boat Fuel	2,825	3,264	3,671	3,941	4,016	3,362	3,362	3,362	3,362	3,362	3,362	3,362	Gall/mo	41,246	N/A	Gall/yr
Work Boat Fuel	1,788	3,536	3,976	4,269	4,350	3,642	3,642	3,642	3,642	3,642	3,642	3,642	Gall/mo	43,411	N/A	Gall/yr
<b>Total Boats Fuel</b>	<b>4,612</b>	<b>6,800</b>	<b>7,647</b>	<b>8,210</b>	<b>8,366</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>Gall/mo</b>	<b>84,656</b>	<b>167,100</b>	<b>Gall/yr</b>
Boat Emissions																
ROC	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.40	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.29	1.91	2.14	2.30	2.35	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	23.75	46.87	Tons/yr at 661.00 lbs/MGal
PM10	0.08	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.42	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.63	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.24	0.35	0.39	0.42	0.43	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.32	8.52	Tons/yr at 102.00 lbs/MGal



Platform Gail  
PTO No. 1494 Equipment Usage  
Rolling 12-Months Ending:  
Jul-20

Equipment	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	4.41	N/A	MMSCF/yr
HP Pilot/Purge	92.1	89.1	92.1	89.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
<b>HP Planned &amp; P/P</b>	<b>92.1</b>	<b>4,061.1</b>	<b>114.1</b>	<b>89.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>MSCF/mo</b>	<b>5.51</b>	<b>4.9</b>	<b>MMSCF/yr</b>
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
<b>LP Planned &amp; P/P</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>2.31</b>	<b>MMSCF/yr</b>
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	12.3	0.0	0.0	6.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	107.49	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	11.9	13.1	6.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	47.75	N/A	MMSCF/yr
<b>Turbines @ all loads</b>	<b>12.9</b>	<b>11.9</b>	<b>13.1</b>	<b>12.8</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>MMSCF/mo</b>	<b>155.25</b>	<b>850</b>	<b>MMSCF/yr</b>
<b>Turbines@&lt;1000 KW</b>	<b>12.94</b>	<b>11.93</b>	<b>13.07</b>	<b>12.8</b>	<b>13.07</b>	<b>13.07</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>MMSCF/mo</b>	<b>155.28</b>	<b>250.0</b>	<b>MMSCF/yr</b>
Diesel Use:																
Turbines: G1	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.10	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	2.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005	0.0050	MGal/mo	2.33	N/A	MGal/yr
<b>Turbines @ all loads</b>	<b>0.04</b>	<b>2.23</b>	<b>0.1</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>MGal/mo</b>	<b>2.44</b>	<b>335</b>	<b>MGal/yr</b>
<b>Turbines@&lt;1000 KW</b>	<b>0.04</b>	<b>2.23</b>	<b>0.06</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>MGal/mo</b>	<b>2.44</b>	<b>150</b>	<b>MGal/yr</b>
Back-up Generator:G4	0.07	0.04	0.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.69	32.13	MGal/yr
North Crane	67.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	247.2	N/A	Gal/yr
South Crane	277.00	198.00	419.00	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	3,870.0	N/A	Gal/yr
Crane Total	344.00	198.00	599.20	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,117	21,339	Gal/yr
Turbine Starter Engines	0.67	1.38	0.28	2.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	47.4	980	Gal/yr at 7.7 gal/hr
Boom Boat (VP)	8.60	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	9.2	1,406	Gal/yr
P-18 -Em FW Pump	2.00	2.00	9.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	24.0	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																
Envirozol 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 lbs/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lbs/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	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 7.28 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
<b>Solvent Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.000</b>	<b>9.59</b>	<b>Tons/yr ROC</b>
Boats:																
Crew Boat Fuel:	3.264	3.671	3.941	4.015	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	Gal/mo	41.783	N/A	Gal/yr
Work Boat Fuel:	3.536	3.976	4.269	4.350	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	Gal/mo	45.265	N/A	Gal/yr
<b>Total Boats Fuel</b>	<b>6.800</b>	<b>7.647</b>	<b>8.210</b>	<b>8.366</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>Gal/mo</b>	<b>87.048</b>	<b>167,100</b>	<b>Gal/yr</b>
Boat Emissions																
ROC	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.44	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.91	2.14	2.30	2.35	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	24.42	46.97	Tons/yr at 561.00 lbs/MGal
PM	0.11	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.46	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.33	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.35	0.39	0.42	0.43	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.44	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Aug-20**

Equipment	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	3,972.0	22.0	0.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	4.46	N/A	MMSCF/yr
HP Pilot/Purge	89.1	92.1	89.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
HP Planned & P/P	4,061.1	114.1	89.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	MSCF/mo	5.56	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	0.0	0.0	6.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	106.31	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	11.9	13.1	6.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	49.07	N/A	MMSCF/yr
Turbines @ all loads	11.9	13.1	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	MMSCF/mo	155.38	850	MMSCF/yr
Turbine@<1000 KW	11.93	13.07	12.76	13.1	13.07	13.07	13.1	13.1	13.1	13.1	13.07	13.07	MMSCF/mo	155.42	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.07	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	2.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	2.33	N/A	MGal/yr
Turbines @ all loads	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	MGal/mo	2.40	335	MGal/yr
Turbine@<1000 KW	2.23	0.06	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	2.40	150	MGal/yr
Back-up Generator:G4	0.04	0.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.68	32.13	MGal/yr
North Crane	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	180.2	N/A	Gal/yr
South Crane	198.00	419.00	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	3,939.0	N/A	Gal/yr
Crane Total	198.00	599.20	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,119	21,339	Gal/yr
Turbine Starter Engines	1.38	0.28	2.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	43.7	960	Gal/yr at 7.7 gal/hr
Boom Boat (VP)	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.6	1,406	Gal/yr
P-18 -Em FW Pump	2.00	9.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	23.0	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	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	0.000	9.69	Tons/yr ROC
Boats:																
Crew Boat Fuel:	3,671	3,941	4,016	3,362	3,362	3,362	3,362	3,362	3,362	3,362	3,362	3,362	Gal/mo	41,880	N/A	Gal/yr
Work Boat Fuel:	3,976	4,269	4,350	3,642	3,642	3,642	3,642	3,642	3,642	3,642	3,642	3,642	Gal/mo	45,370	N/A	Gal/yr
Total Boats Fuel	7,647	8,210	8,366	7,003	7,003	7,003	7,003	7,003	7,003	7,003	7,003	7,003	Gal/mo	87,251	167,100	Gal/yr
Boat Emissions																
ROC	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.45	2.77	Tons/yr at 33.16 lbs/MGal
NOx	2.14	2.30	2.35	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	24.47	46.67	Tons/yr at 561.0 lbs/MGal
PM	0.13	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.46	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.33	0.66	Tons/yr at 7.50 lbs/MGal
CO	0.39	0.42	0.43	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.45	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Sep-20**

Equipment	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned:	22.0	0.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	0.54	N/A	MMSCF/yr
HP Pilot/Purge	92.1	89.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
<b>HP Planned &amp; PIP</b>	<b>114.1</b>	<b>89.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>MSCF/mo</b>	<b>1.64</b>	<b>4.9</b>	<b>MMSCF/yr</b>
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
<b>LP Planned &amp; PIP</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>2.31</b>	<b>MMSCF/yr</b>
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	0.0	6.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	117.38	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	13.1	6.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	39.14	N/A	MMSCF/yr
<b>Turbines @ all loads</b>	<b>13.1</b>	<b>12.8</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>MMSCF/mo</b>	<b>156.53</b>	<b>850</b>	<b>MMSCF/yr</b>
<b>Turbine@&gt;1000 KW</b>	<b>13.07</b>	<b>12.76</b>	<b>13.07</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>13.07</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>MMSCF/mo</b>	<b>156.56</b>	<b>250.0</b>	<b>MMSCF/yr</b>
Diesel Use:																
Turbines: G1	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.006	0.006	MGal/mo	0.08	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	0.000	0.000	MGal/mo	0.00	N/A	MGal/yr
G3	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005	0.0050	MGal/mo	0.11	N/A	MGal/yr
<b>Turbines @ all loads</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>0.19</b>	<b>335</b>	<b>MGal/yr</b>
<b>Turbine@&gt;1000 KW</b>	<b>0.06</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>0.19</b>	<b>150</b>	<b>MGal/yr</b>
Back-up Generator:G4	0.00	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.71	32.13	MGal/yr
North Crane	180.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	180.2	N/A	Gal/yr
South Crane	419.00	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,087.0	N/A	Gal/yr
<b>Crane Total</b>	<b>599.20</b>	<b>208.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>Gal/mo</b>	<b>4,267</b>	<b>21,339</b>	<b>Gal/yr</b>
Turbine Starter Engines	0.28	2.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	34.6	960	Gal/yr at 7.7 gal/hr
<b>Boom Boat (VP)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.0</b>	<b>1,406</b>	<b>Gal/yr</b>
<b>P-18 -Em FW Pump</b>	<b>9.00</b>	<b>3.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>Hrs/mo</b>	<b>22.0</b>	<b>50</b>	<b>Hrs/yr</b>
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
Transform 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	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 7.28 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	0.000	9.69	Tons/yr ROC
<b>Solvent Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.000</b>	<b>N/A</b>	<b>Gal/yr</b>
Boats:																
Crew Boat Fuel:	3,941	4,016	3,362	3,362	3,362	3,362	3,362	3,362	3,362	3,362	3,362	3,362	Gal/mo	41,571	N/A	Gal/yr
Work Boat Fuel:	4,269	4,350	3,642	3,642	3,642	3,642	3,642	3,642	3,642	3,642	3,642	3,642	Gal/mo	45,036	N/A	Gal/yr
<b>Total Boats Fuel</b>	<b>8,210</b>	<b>8,366</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>7,003</b>	<b>Gal/mo</b>	<b>86,607</b>	<b>167,100</b>	<b>Gal/yr</b>
Boat Emissions																
ROC	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.44	2.77	Tons/yr at 33.15 lbs/MGal
NOx	2.30	2.35	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	24.29	46.87	Tons/yr at 561.00 lbs/MGal
PM	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.45	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.32	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.42	0.43	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.42	8.52	Tons/yr at 102.00 lbs/MGal

**Platform Gail**  
**PTO No. 1494 Equipment Usage**  
**Rolling 12-Months Ending:**  
**Oct-20**

Equipment	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	0.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	0.57	N/A	MMSCF/yr
HP Pilot/Purge	89.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
<b>HP Planned &amp; P/P</b>	<b>89.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>MSCF/mo</b>	<b>1.67</b>	<b>4.9</b>	<b>MMSCF/yr</b>
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
<b>LP Planned &amp; P/P</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>2.31</b>	<b>MMSCF/yr</b>
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	6.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	128.45	N/A	MMSCF/yr
G2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G3	6.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	28.07	N/A	MMSCF/yr
<b>Turbines @ all loads</b>	<b>12.8</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>MMSCF/mo</b>	<b>156.53</b>	<b>850</b>	<b>MMSCF/yr</b>
<b>Turbines@&lt;1000 KW</b>	<b>12.76</b>	<b>13.07</b>	<b>13.07</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>13.07</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.07</b>	<b>13.07</b>	<b>MMSCF/mo</b>	<b>156.57</b>	<b>250.0</b>	<b>MMSCF/yr</b>
Diesel Use:																
Turbines: G1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06	0.006	MGal/mo	0.08	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	0.000	MGal/mo	0.00	N/A	MGal/yr
G3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005	0.0050	MGal/mo	0.06	N/A	MGal/yr
<b>Turbines @ all loads</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>0.14</b>	<b>335</b>	<b>MGal/yr</b>
<b>Turbines@&lt;1000 KW</b>	<b>0.02</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>0.14</b>	<b>150</b>	<b>MGal/yr</b>
<b>Back-up Generator:G4</b>	<b>0.06</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>0.07</b>	<b>MGal/mo</b>	<b>0.77</b>	<b>32.13</b>	<b>MGal/yr</b>
North 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	0.00	N/A	Gal/yr
South Crane	208.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,014.0	N/A	Gal/yr
<b>Crane Total</b>	<b>208.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>346.00</b>	<b>Gal/mo</b>	<b>4,014</b>	<b>21,339</b>	<b>Gal/yr</b>
Turbine Starter Engines	2.31	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	33.9	960	Gal/yr at 7.7 gal/hr
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.0	1,406	Gal/yr
P-18 -Em FW Pump	3.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	14.0	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	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 7.28 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
<b>Solvent Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.000</b>	<b>9.59</b>	<b>Tons/yr ROC</b>
<b>Coatings Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>N/A</b>	<b>Gal/yr</b>
Boats:																
Crew Boat Fuel:	4.016	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	Gal/mo	40.992	N/A	Gal/yr
Work Boat Fuel:	4.350	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	Gal/mo	44.408	N/A	Gal/yr
<b>Total Boats Fuel</b>	<b>8.366</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>Gal/mo</b>	<b>85.400</b>	<b>167,100</b>	<b>Gal/yr</b>
Boat Emissions																
<b>ROC</b>	<b>0.14</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>Tons/mo</b>	<b>1.42</b>	<b>2.77</b>	<b>Tons/yr at 33.15 lbs/MGal</b>
<b>NOx</b>	<b>2.35</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>1.96</b>	<b>Tons/mo</b>	<b>23.95</b>	<b>46.67</b>	<b>Tons/yr at 561.00 lbs/MGal</b>
<b>PM</b>	<b>0.14</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>0.12</b>	<b>Tons/mo</b>	<b>1.43</b>	<b>2.80</b>	<b>Tons/yr at 33.50 lbs/MGal</b>
<b>SOx</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>Tons/mo</b>	<b>0.32</b>	<b>0.63</b>	<b>Tons/yr at 7.50 lbs/MGal</b>
<b>CO</b>	<b>0.43</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>0.36</b>	<b>Tons/mo</b>	<b>4.35</b>	<b>8.52</b>	<b>Tons/yr at 102.00 lbs/MGal</b>

Platform Gail  
PTO No. 1494 Equipment Usage  
Rolling 12-Months Ending:  
Nov-20

Equipment	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Monthly Units	12-month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	0.62	N/A	MMSCF/yr
HP Pilot/Purge	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
HP Planned & PIP	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	MSCF/mo	1.73	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 & PIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	2.31	MMSCF/yr
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	132.86	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	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	23.98	N/A	MMSCF/yr
Turbines @ all loads	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	MMSCF/mo	156.84	850	MMSCF/yr
Turbine@<1000 KW	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.1	13.1	13.1	13.07	13.07	MMSCF/mo	156.86	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.07	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MGal/mo	0.00	N/A	MGal/yr
Turbines @ all loads	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.13	335	MGal/yr
Turbine@<1000 KW	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.13	150	MGal/yr
Back-up Generator:G4	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.78	32.13	MGal/yr
North 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	N/A	Gal/yr
South Crane	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,152.0	N/A	Gal/yr
Crane Total	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,152	21,338	Gal/yr
Turbine Starter Engines	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	17.6	960	Gal/yr at 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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	12.0	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																
Envirozol 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	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 6.64 lb/gal
Z-Sol	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 0.17 lb/gal
Transfoam Plus	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 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	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 7.28 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	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	8.98	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:	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	Gal/mo	40.338	N/A	Gal/yr
Work Boat Fuel:	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	Gal/mo	43.700	N/A	Gal/yr
Total Boats Fuel	7.003	7.003	7.003	7.003	7.003	7.003	7.003	7.003	7.003	7.003	7.003	7.003	Gal/mo	84.038	167,100	Gal/yr
Boat Emissions																
ROC	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.39	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	23.57	46.87	Tons/yr at 561.00 lbs/MGal
PM10	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.41	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.32	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.29	8.52	Tons/yr at 102.00 lbs/MGal

Platform Gail  
PTO No. 1494 Equipment Usage  
Rolling 12-Months Ending:  
Dec-20

Equipment	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Gas Consumption:																
HP Planned	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	MSCF/mo	0.62	N/A	MMSCF/yr
HP Pilot/Purge	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	MSCF/mo	1.10	N/A	MMSCF/yr
<b>HP Planned &amp; P/P</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>144.1</b>	<b>MSCF/mo</b>	<b>1.73</b>	<b>4.9</b>	<b>MMSCF/yr</b>
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
<b>LP Planned &amp; P/P</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>2.31</b>	<b>MMSCF/yr</b>
LP Unplanned	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	Exempt	MMSCF/yr
Gas Consumption:																
Turbines: G1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	MMSCF/mo	132.86	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	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MMSCF/mo	23.98	N/A	MMSCF/yr
<b>Turbines @ all loads</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>MMSCF/mo</b>	<b>156.84</b>	<b>850</b>	<b>MMSCF/yr</b>
Turbine@<1000 KW	13.07	13.07	13.07	13.07	13.07	13.07	13.07	13.1	13.1	13.1	13.07	13.07	MMSCF/mo	156.88	250.0	MMSCF/yr
Diesel Use:																
Turbines: G1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	MGal/mo	0.07	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.005	0.0050	MGal/mo	0.06	N/A	MGal/yr
<b>Turbines @ all loads</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.0112</b>	<b>MGal/mo</b>	<b>0.13</b>	<b>335</b>	<b>MGal/yr</b>
Turbine@<1000 KW	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0112	MGal/mo	0.13	150	MGal/yr
Back-up Generator:G4	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	MGal/mo	0.78	32.13	MGal/yr
North 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	N/A	Gal/yr
South Crane	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,152.0	N/A	Gal/yr
Crane Total	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	346.00	Gal/mo	4,152	21,339	Gal/yr
Turbine Starter Engines	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	Hrs/mo	17.6	960	Gal/yr at 7.7 gal/hr
Boom Boat (VP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Gal/mo	0.0	1,406	Gal/yr
P-18 -Em FW Pump	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Hrs/mo	12.0	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																
Envirozol 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 lbs/gal
87 RB													Gal/mo	0.00	N/A	Tons/yr ROC at 6.64 lbs/gal
Z-Sol													Gal/mo	0.00	N/A	Tons/yr ROC at 0.17 lbs/gal
Transfoam Plus													Gal/mo	0.00	N/A	Tons/yr ROC at 0.64 lbs/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 lbs/gal
Sigma Thinner 91-57													Gal/mo	0.00	N/A	Tons/yr ROC at 7.28 lbs/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 lbs/gal
<b>Solvent Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>Gal/mo</b>	<b>0.000</b>	<b>9.58</b>	<b>Tons/yr ROC</b>
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:	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	3.362	Gal/mo	40.338	N/A	Gal/yr
Work Boat Fuel:	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	3.642	Gal/mo	43,700	N/A	Gal/yr
<b>Total Boats Fuel</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>7.003</b>	<b>Gal/mo</b>	<b>84,038</b>	<b>167,100</b>	<b>Gal/yr</b>
Boat Emissions																
ROC	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.39	2.77	Tons/yr at 33.15 lbs/MGal
NOx	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	1.96	Tons/mo	23.57	46.87	Tons/yr at 561.00 lbs/MGal
PM	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	Tons/mo	1.41	2.80	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.32	0.63	Tons/yr at 7.50 lbs/MGal
CO	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	Tons/mo	4.29	8.52	Tons/yr at 102.00 lbs/MGal




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**CLIENT:** Oilfield Environmental & Compliance, Inc.  
**LABORATORY NO:** 20-249  
**SAMPLING DATE:** 03/17/20  
**RECEIVING DATE:** 03/18/20  
**ANALYSIS DATE:** 03/18/20  
**REPORT DATE:** 03/19/20

**Laboratory Analysis Report**

<b>Analysis Method</b>	SCAQMD 307-91		
<b>Detection Limits</b>	0.05PPMV		
<b>Analyte</b>	<b>Client ID</b>	2001448-01	2001448-02
	<b>Sampling Date</b>	03/17/20	03/17/20
	<b>Sampling Time</b>	1030	1035
	<b>Lab ID</b>	07820-2	07820-3
	<b>Units</b>	PPMV	PPMV
	<b>Hydrogen Sulfide</b>	<0.05	<0.05
<b>Carbonyl Sulfide</b>	<0.05	<0.05	
<b>Methyl Mercaptan</b>	<0.05	<0.05	
<b>Ethyl Mercaptan</b>	<0.05	<0.05	
<b>Un-Identified S Compounds</b>	0.52	0.58	
<b>Total Sulfur as H<sub>2</sub>S</b>	<b>0.52</b>	<b>0.58</b>	



Dr. Andrew Kitto  
President



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**REPORT DATE:** 03/19/20

### Quality Assurance Report

#### Duplicate Analysis

Sample ID: 2001448-02

Lab ID: 07820-3

Analysis Method		SCAQMD 307-91		
Detection Limit		0.05 PPMV		
Analyte	Aver. Conc. PPMV	Dil. Factor Ambient Air	DF*A/CF PPMV	% Sample Recovery
Hydrogen Sulfide	<0.05	1	<0.05	N/A
Carbonyl Sulfide	<0.05	1	<0.05	N/A
Methyl Mercaptan	<0.05	1	<0.05	N/A
Ethyl Mercaptan	<0.05	1	<0.05	N/A
Unidentified S Compounds	0.56	1	0.53	95.5
<b>Total Sulfur as H2S</b>	<b>0.56</b>	<b>1</b>	<b>0.53</b>	<b>95.5</b>

N/A: Not Applicable



Dr. Andrew Kitto  
President



