



May 21, 2014

Mr. Brian Crets  
J R Simplot Company  
P.O. Box 198  
Lathrop, CA 95330-0198

**Re: Notice of Minor Title V Permit Modification  
District Facility # N-767  
Project # N-1133337**

Dear Mr. Crets:

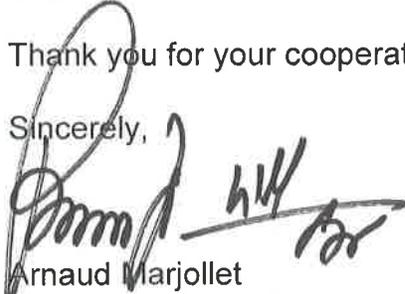
Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued N-767-9-15 into the Title V operating permit. Modification of the sulfuric acid plant to replace the catalysts in the converters (R-301 & R-201), replace the gas-to-gas heat exchanger (E-303), replace the #2 converter superheater tube bundle (E-308), limit the SOx emissions to 1,750 lb/day and 410,296 lb/year, and limit the NOx emissions to 0.154 lb/ton from the burning of molten sulfur in the associated sulfur furnace.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued permit N-767-9-15, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

If you have any questions, please contact Mr. Rupi Gill, Permit Services Manager, at (209) 557-6400.

Thank you for your cooperation in this matter.

Sincerely,



Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585

# TITLE V APPLICATION REVIEW

Minor Modification  
Project #: N-1133337

Engineer: Kai Chan  
Date: April 30, 2014

Facility Number: N-767  
Facility Name: J R Simplot Company  
Mailing Address: P.O. Box 198  
Lathrop, CA 95330-0198

Contact Name: Brian Crets  
Phone: (209) 858-6429  
Email: brian.crets@simplot.com

Responsible Official: John Yanak  
Title: California Manufacturing Manager

---

## I. PROPOSAL

J R Simplot Company is proposing a Title V minor permit modification to incorporate the recently issued Authority to Construct (ATC) permit N-767-9-15 into their Title V operating permit. The facility is modifying their sulfuric acid production plant to replace the catalyst in the converters (R-301 & R-201), replace the gas-to-gas heat exchanger (E-303), and replace the #2 converter superheater tube bundle (E-308). In addition, the facility is proposing to limit the SO<sub>x</sub> (as SO<sub>2</sub>) emissions to 1,750 lb/day and 410,296 lb/year due to the use of high efficiency catalysts in the converters and include a NO<sub>x</sub> emissions limit of 0.154 lb-NO<sub>x</sub>/ton of sulfuric acid produced from the burning of molten sulfur in the associated sulfur furnace.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

## II. FACILITY LOCATION

16777 S. Howland Road  
Lathrop, CA

### III. EQUIPMENT DESCRIPTION

**N-767-9-16:** SULFURIC ACID PRODUCTION PLANT CONSISTING OF A SULFUR FURNACE, TWO CONVERTERS, SIX WASTE HEAT RECOVERY BOILERS, A DRYING TOWER WITH AN ENTRAINMENT SEPARATOR, AN INTERSTAGE ABSORPTION TOWER WITH A MIST ELIMINATOR, A FINAL ABSORPTION TOWER WITH A MIST ELIMINATOR, 15 MMBTU/HR SUR-LITE CORP. MODEL 6-H250 TT NATURAL GAS-FIRED FURNACE IGNITER BURNER (4919-H-303), AND ASSOCIATED EQUIPMENT.

### IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

### V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

### VI. DESCRIPTION OF PROPOSED MODIFICATIONS

J R Simplot Company is proposing to incorporate Authority to Construct (ATC) permit N-767-9-15 into the Title V Permit to Operate (PTO) as N-767-9-16. A copy of the ATC permit N-767-9-15 is included in Appendix B. This ATC permit was issued to modify the sulfuric acid production plant for the following purposes:

1. Replacement of all catalysts in the two existing converters (R-301 and R-201) and where appropriate high efficiency catalysts will be utilized to improve the overall SO<sub>2</sub>-to-SO<sub>3</sub> conversion efficiency. The use of the new catalysts will result in a decrease in SO<sub>2</sub> emissions due to the improved SO<sub>2</sub>-to SO<sub>3</sub> conversion. According to the applicant, the replacement of the catalysts will not result in an increase to the design capacity of the sulfuric acid plant because the component of the plant that limits sulfuric acid production is the acid plant blower (F-301), which supplies the required oxygen to the converters and is not being modified under this project. The design capacity of the sulfuric acid plant will remain at 700 tons/day after the proposed modification.
2. Replacement of the existing gas-to-gas heat exchanger (E-303) and the #2 converter superheater tube bundle (E-308) with the same type of units and

perform repair or maintenance to the converters shells as necessary. There will not be a change to the processing rate, emission rate, or control method due these proposed modifications.

3. Reduction of the current SO<sub>x</sub> (as SO<sub>2</sub>) emissions rate limit of the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) from 2,461 lb/day to 1,750 lb/day and include an annual SO<sub>x</sub> limit of 410,296 lb/year.
4. Include a NO<sub>x</sub> emissions limit of 0.154 lb-NO<sub>x</sub>/ton of sulfuric acid produced from the burning of molten sulfur in the associated sulfur furnace. Based on source tested conducted at JR Simplot's sulfuric acid production plants in Idaho and Wyoming there are NO<sub>x</sub> and CO<sub>2</sub> emissions from the burning of molten sulfur in the associated sulfur furnace. These emissions have always occurred at the existing plant, but were never included in the previous permit evaluations and will now be included under this proposed modification.

The existing sulfuric acid production plant was first issued operating permits by the San Joaquin County Air Pollution Control District (SJCAPCD) in 1974, which was originally constructed by the Occidental Chemical Company prior to 1971. The permits were transferred to JR Simplot in 1984. Since the original permits were issued for the sulfuric acid production plant there have not been any permitting actions, which resulted in an increase in the daily and annual emissions. In addressing the inclusion of NO<sub>x</sub> emissions due to the combustion of elemental sulfur, the District reviewed the New Source Review (NSR) implications of these emissions were they known at the time of the original permitting action as well as all subsequent permitting actions, and determined that these NO<sub>x</sub> emissions would not have triggered any NSR requirements (i.e. BACT, offsets, etc.). The facility will remain in compliance with District Rule 2201 even with the inclusion of NO<sub>x</sub> emissions from the sulfuric acid plant.

Proposed Permit to Operate N-767-9-16:

1. Permit condition 1. on the ATC permit was deleted since this condition was satisfied by the applicant's submittal of the application for this Title V permitting action.
2. Permit conditions 2. and 3. on the ATC permit were deleted since they already appear on the facility-wide permit N-1646-0-3.
3. Permit conditions 4. through 16. from the ATC permit appears as conditions 1. through 13. on the proposed PTO, respectively.

4. Permit condition 17. from the ATC permit appears as condition 14. on the proposed PTO. This condition was modified since the initial start-up source test was performed and compliance verified.
5. Permit conditions 18. and 22. from the ATC permit were deleted since the initial start-up source test was performed and compliance verified.
6. Permit conditions 19. through 21. and conditions 23. through 33. from the ATC permit appears as conditions 15. through 17. and conditions 18. through 28. on the proposed PTO, respectively.
7. Permit condition 34. from the ATC permit appears as condition 29. on the proposed PTO. This condition was modified since the District requires the more stringent equipment breakdown notification period of one hour as required under District Rule 1100 (Equipment Breakdown), Section 6.1.
8. Permit conditions 35. through 43. from the ATC permit appears as conditions 30. through 38. on the proposed PTO, respectively.

## **VII. COMPLIANCE**

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include;
  - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and

- b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

Compliance is expected with this rule.

## VIII. APPENDICES

- Appendix A:** Proposed Draft Title V Operating Permit N-767-9-16  
**Appendix B:** Authority to Construct Permit N-767-9-15  
**Appendix C:** Emissions Increases  
**Appendix D:** Permit Application  
**Appendix E:** Previous Title V Operating Permit N-767-9-12 and Facility-Wide Title V Operating Permit N-767-0-3.

# **APPENDIX A**

Proposed Draft Title V Operating Permit No.  
N-767-9-16

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-767-9-16

**EXPIRATION DATE:** 11/30/2014

**EQUIPMENT DESCRIPTION:**

SULFURIC ACID PRODUCTION PLANT CONSISTING OF A SULFUR FURNACE, TWO CONVERTERS, SIX WASTE HEAT RECOVERY BOILERS, A DRYING TOWER WITH AN ENTRAINMENT SEPARATOR, AN INTERSTAGE ABSORPTION TOWER WITH A MIST ELIMINATOR, A FINAL TOWER WITH A MIST ELIMINATOR, 15.0 MMBTU/HR SUR-LITE CORP. MODEL 6-H250 TT NATURAL GAS-FIRED FURNACE IGNITER BURNER (4919-H-303), AND ASSOCIATED EQUIPMENT.

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and 4202] Federally Enforceable Through Title V Permit
2. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 2.5 pounds per ton of 100% sulfuric acid produced except during periods of start-up and shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 21.5 pounds per ton of 100% sulfuric acid produced during periods of start-up and shutdown. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-74-5 and under project #N-1131840. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions of oxides of sulfur as SO<sub>2</sub> from the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 1,750 pounds during any one day and 410,296 pounds during any 12-consecutive month period. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-75-5 and under project #N-1131840. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions from the sulfuric acid plant exhaust stack shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Rule 407 (San Joaquin)] Federally Enforceable Through Title V Permit
6. The facility shall not discharge into the atmosphere any gases which contain acid mist, expressed as sulfuric acid, in excess of 0.3 pounds per ton of 100% sulfuric acid produced. [District Rules 2201 and 4802] Federally Enforceable Through Title V Permit
7. The oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant shall be determined using the procedures specified in 40 CFR 60.84. [District Rule 2201 and 40 CFR Part 60, Subpart H] Federally Enforceable Through Title V Permit
8. The quantity of sulfuric acid produced shall not exceed 700 tons during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. NO<sub>x</sub> emissions from the sulfur furnace serving the sulfuric acid plant shall not exceed 0.154 lb-NO<sub>x</sub> per ton of sulfuric acid produced. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The Sur-Lite Corp. furnace igniter burner shall only be fired on natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Heat input to the Sur-Lite Corp. furnace igniter burner shall not exceed 21,000 MMBtu in any one rolling 12 month period. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. The Sur-Lite Corp. furnace igniter burner shall be equipped with an operational non-resettable totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the igniter burner or other District approved alternative. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from the Sur-Lite Corp. furnace igniter burner shall not exceed any of the following limits: 0.061 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 0.035 lb-CO/MMBtu, or 0.003 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
14. A source test for oxides of sulfur shall be conducted on an annual basis. [District Rule 1081] Federally Enforceable Through Title V Permit
15. The results of each test shall be submitted for District evaluation no later than 60 days following each test. [District Rule 1081] Federally Enforceable Through Title V Permit
16. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
17. Source testing to measure concentrations of oxides of sulfur shall be conducted using either CARB Method 6, CARB Method 8, CARB Method 100, EPA Method 6, or EPA Method 8. [District Rule 1081] Federally Enforceable Through Title V Permit
18. Source testing to measure stack gas flow rate, moisture content, and oxygen content shall be conducted using EPA Methods 1 thru 4. [District Rule 1081] Federally Enforceable Through Title V Permit
19. An hourly log of sulfuric acid produced by each process line shall be kept on the premises at all times and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
20. The permittee shall provide, properly install and maintain in proper working order, continuous monitoring and recording systems to measure oxides of sulfur emissions as SO<sub>2</sub>. [District Rule 1080, 5.2.1] Federally Enforceable Through Title V Permit
21. The averaging time for the SO<sub>2</sub> emission monitoring system shall not exceed 15 minutes. [District Rule 2080] Federally Enforceable Through Title V Permit
22. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR 60.84. [District Rule 1080, 6.1.2] Federally Enforceable Through Title V Permit
23. The permittee shall submit a written report for each calendar quarter to the District no later than 30 days following the end of each calendar quarter. The report shall comply with all of the requirements of the District rules. [District Rule 1080, 8.0] Federally Enforceable Through Title V Permit
24. The sampling probe of the continuous monitoring analyzer system shall be replaced with a clean probe at least once per month to prevent emission data gaps due to probe failure. [District Rule 2080] Federally Enforceable Through Title V Permit
25. Invalid SO<sub>2</sub> emission readings caused by the changing of the probe shall not exceed a period of two hours for each probe change. [District Rule 2080] Federally Enforceable Through Title V Permit
26. A written log indicating the date and time of each probe change shall be kept on the premise and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
27. Source testing to measure sulfuric acid mist using EPA Method 8 of 40 CFR 60 Appendix A shall be conducted on an annual basis. [District Rule 2520, 9.3.2 and District Rule 4201] Federally Enforceable Through Title V Permit
28. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080, 9.0] Federally Enforceable Through Title V Permit
29. The operator shall notify the district at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within one hour after the breakdown is detected. [District Rules 1080, 10.0 and 1100, 6.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

30. The continuous SO<sub>2</sub> monitor shall meet the applicable performance specification requirements in 40 CFR Part 51, Appendix P, and Part 60, Appendix B or shall meet equivalent specifications established by mutual agreement of District, CARB, and the EPA. [District Rule 1080, 6.5] Federally Enforceable Through Title V Permit
31. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. The facility shall visually inspect for sulfur compound leaks at the sulfuric acid plant ducting and equipment each work shift when the plant is operating. Daily records shall be maintained to verify that a leak inspection was performed during each work shift. [District Rule 4102]
33. All sulfur compound leaks at the sulfuric acid plant ducting or equipment shall be reported to the District within 24 hours of detection. All leaks shall be repaired within 24 hours of detection. If the sulfur compound leaks cannot be repaired within 24 hours of detection, the plant shall be shut down until the leaks are repaired. [District Rule 4102]
34. For each sulfur compound leak occurrence, maintain a record indicating the following: (a). Date and time when the sulfur compound leak occurred; (b). Description (i.e. shape, size, type of leak, etc.) and location (relative to the nearest ductwork or equipment) of the sulfur compound leak; (c). Length of time to repair the sulfur compound leak (in minutes or hours); (d). The quantity of sulfur compound emissions from the leak (in pounds per hour); (e). The total quantity of plant sulfur compound emissions (in pounds per day) indicating whether excess emissions occurred due to the leak. [District Rule 4102]
35. The permittee shall maintain a daily record of the quantity of sulfuric acid produced in tons. [District Rules 1070 and 2201]
36. The permittee shall maintain a rolling 12-consecutive month total of the quantity of fuel heat input to the Sur-Lite Corp. furnace igniter burner (in MMBtu) and shall update the rolling total at least once each month. The fuel heat input can be calculated by multiplying the amount of natural gas fuel combusted (in scf) by a heating value of 1,000 Btu/scf. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
37. Permittee shall maintain a rolling 12-consecutive month total of the quantity of oxides of sulfur emissions (as SO<sub>2</sub> in pounds) from the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) and shall update the rolling total at least once each month. [District Rules 1070 and 2201]
38. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

# **APPENDIX B**

Authority to Construct Permit No.  
N-767-9-15



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT



**HEALTHY AIR LIVING™**

COPY

## AUTHORITY TO CONSTRUCT

**PERMIT NO:** N-767-9-15

**ISSUANCE DATE:** 09/03/2013

**LEGAL OWNER OR OPERATOR:** J R SIMPLOT COMPANY  
**MAILING ADDRESS:** RT 1100-0023  
PO BOX 9168  
BOISE, ID 83707

**LOCATION:** 16777 S. HOWLAND ROAD  
LATHROP, CA 95330

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF SULFURIC ACID PRODUCTION PLANT CONSISTING OF A SULFUR FURNACE, TWO CONVERTERS, SIX WASTE HEAT RECOVERY BOILERS, A DRYING TOWER WITH AN ENTRAINMENT SEPARATOR, AN INTERSTAGE ABSORPTION TOWER WITH A MIST ELIMINATOR, A FINAL TOWER WITH A MIST ELIMINATOR, 15.0 MMBTU/HR SUR-LITE CORP. MODEL 6-H250 TT NATURAL GAS-FIRED FURNACE IGNITER BURNER (4919-H-303), AND ASSOCIATED EQUIPMENT TO REPLACE THE CATALYSTS IN THE CONVERTERS (R-301 & R-201), REPLACE THE GAS-TO-GAS HEAT EXCHANGER (E-303), AND REPLACE THE #2 CONVERTER SUPERHEATER TUBE BUNDLE (E-308). IN ADDITION, THE FACILITY IS PROPOSING TO LIMIT THE SOX (AS SO<sub>2</sub>) EMISSIONS TO 1,750 LB/DAY AND 410,296 LB/YEAR DUE TO THE USE OF HIGH EFFICIENCY CATALYSTS IN THE CONVERTERS.

### CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (11/15/01). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and 4202] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT.** This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredini Executive Director / APCO

DAVID WARNER, Director of Permit Services

N-767-9-15 Sep 3 2013 11:54AM -- CHANK Joint Inspection NOT Required

5. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 2.5 pounds per ton of 100% sulfuric acid produced except during periods of start-up and shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 21.5 pounds per ton of 100% sulfuric acid produced during periods of start-up and shutdown. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-74-5 and under project #N-1131840. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Emissions of oxides of sulfur as SO<sub>2</sub> from the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 1,750 pounds during any one day and 410,296 pounds during any 12-consecutive month period. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-75-5 and under project #N-1131840. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Sulfur compound emissions from the sulfuric acid plant exhaust stack shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Rule 407 (San Joaquin)] Federally Enforceable Through Title V Permit
9. The facility shall not discharge into the atmosphere any gases which contain acid mist, expressed as sulfuric acid, in excess of 0.3 pounds per ton of 100% sulfuric acid produced. [District Rules 2201 and 4802] Federally Enforceable Through Title V Permit
10. The oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant shall be determined using the procedures specified in 40 CFR 60.84. [District Rule 2201 and 40 CFR Part 60, Subpart H] Federally Enforceable Through Title V Permit
11. The quantity of sulfuric acid produced shall not exceed 700 tons during any one day. [District Rule 2201]
12. NO<sub>x</sub> emissions from the sulfur furnace serving the sulfuric acid plant shall not exceed 0.154 lb-NO<sub>x</sub> per ton of sulfuric acid produced. [District Rule 2201]
13. The Sur-Lite Corp. furnace igniter burner shall only be fired on natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Heat input to the Sur-Lite Corp. furnace igniter burner shall not exceed 21,000 MMBtu in any one rolling 12 month period. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The Sur-Lite Corp. furnace igniter burner shall be equipped with an operational non-resettable totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the igniter burner or other District approved alternative. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Emissions from the Sur-Lite Corp. furnace igniter burner shall not exceed any of the following limits: 0.061 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 0.035 lb-CO/MMBtu, or 0.003 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Source testing to measure oxides of sulfur shall be conducted within 60 days of initial start-up and at least once every 12 months thereafter. [District Rules 1081 and 2201]
18. Source testing to measure NO<sub>x</sub> emissions from this unit shall be conducted within 60 days of initial start-up. [District Rule 2201]
19. The results of each test shall be submitted for District evaluation no later than 60 days following each test. [District Rule 1081] Federally Enforceable Through Title V Permit
20. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
21. Source testing to measure concentrations of oxides of sulfur shall be conducted using either CARB Method 6, CARB Method 8, CARB Method 100, EPA Method 6, or EPA Method 8. [District Rule 1081] Federally Enforceable Through Title V Permit
22. Source testing to measure NO<sub>x</sub> emissions shall be conducted using EPA Method 7E or CARB Method 100. [District Rule 1081]

CONDITIONS CONTINUE ON NEXT PAGE

23. Source testing to measure stack gas flow rate, moisture content, and oxygen content shall be conducted using EPA Methods 1 thru 4. [District Rule 1081] Federally Enforceable Through Title V Permit
24. An hourly log of sulfuric acid produced by each process line shall be kept on the premises at all times and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
25. The permittee shall provide, properly install and maintain in proper working order, continuous monitoring and recording systems to measure oxides of sulfur emissions as SO<sub>2</sub>. [District Rule 1080, 5.2.1] Federally Enforceable Through Title V Permit
26. The averaging time for the SO<sub>2</sub> emission monitoring system shall not exceed 15 minutes. [District Rule 2080] Federally Enforceable Through Title V Permit
27. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR 60.84. [District Rule 1080, 6.1.2] Federally Enforceable Through Title V Permit
28. The permittee shall submit a written report for each calendar quarter to the District no later than 30 days following the end of each calendar quarter. The report shall comply with all of the requirements of the District rules. [District Rule 1080, 8.0] Federally Enforceable Through Title V Permit
29. The sampling probe of the continuous monitoring analyzer system shall be replaced with a clean probe at least once per month to prevent emission data gaps due to probe failure. [District Rule 2080] Federally Enforceable Through Title V Permit
30. Invalid SO<sub>2</sub> emission readings caused by the changing of the probe shall not exceed a period of two hours for each probe change. [District Rule 2080] Federally Enforceable Through Title V Permit
31. A written log indicating the date and time of each probe change shall be kept on the premise and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
32. Source testing to measure sulfuric acid mist using EPA Method 8 of 40 CFR 60 Appendix A shall be conducted on an annual basis. [District Rule 2520, 9.3.2 and District Rule 4201] Federally Enforceable Through Title V Permit
33. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080, 9.0] Federally Enforceable Through Title V Permit
34. The operator shall notify the district at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within 8 hours after the breakdown is detected. [District Rule 1080, 10.0] Federally Enforceable Through Title V Permit
35. The continuous SO<sub>2</sub> monitor shall meet the applicable performance specification requirements in 40 CFR Part 51, Appendix P, and Part 60, Appendix B or shall meet equivalent specifications established by mutual agreement of District, CARB, and the EPA. [District Rule 1080, 6.5] Federally Enforceable Through Title V Permit
36. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
37. The facility shall visually inspect for sulfur compound leaks at the sulfuric acid plant ducting and equipment each work shift when the plant is operating. Daily records shall be maintained to verify that a leak inspection was performed during each work shift. [District Rule 4102]
38. All sulfur compound leaks at the sulfuric acid plant ducting or equipment shall be reported to the District within 24 hours of detection. All leaks shall be repaired within 24 hours of detection. If the sulfur compound leaks cannot be repaired within 24 hours of detection, the plant shall be shut down until the leaks are repaired. [District Rule 4102]
39. For each sulfur compound leak occurrence, maintain a record indicating the following: (a). Date and time when the sulfur compound leak occurred; (b). Description (i.e. shape, size, type of leak, etc.) and location (relative to the nearest ductwork or equipment) of the sulfur compound leak; (c). Length of time to repair the sulfur compound leak (in minutes or hours); (d). The quantity of sulfur compound emissions from the leak (in pounds per hour); (e). The total quantity of plant sulfur compound emissions (in pounds per day) indicating whether excess emissions occurred due to the leak. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

40. The permittee shall maintain a daily record of the quantity of sulfuric acid produced in tons. [District Rules 1070 and 2201]
41. The permittee shall maintain a rolling 12-consecutive month total of the quantity of fuel heat input to the Sur-Lite Corp. furnace igniter burner (in MMBtu) and shall update the rolling total at least once each month. The fuel heat input can be calculated by multiplying the amount of natural gas fuel combusted (in scf) by a heating value of 1,000 Btu/scf. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
42. Permittee shall maintain a rolling 12-consecutive month total of the quantity of oxides of sulfur emissions (as SO<sub>2</sub> in pounds) from the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) and shall update the rolling total at least once each month. [District Rules 1070 and 2201]
43. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

# **APPENDIX C**

## **Emission Increases**

Permit Number	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
N-767-9-16	0	0	0	0 <sup>(1)</sup> (-487,969)	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

---

<sup>1</sup> Per District practice, calculated negative values for SSIPE are set equal to zero.

# **APPENDIX D**

Application

# San Joaquin Valley Air Pollution Control District

*www.valleyair.org*

## Permit Application For:

ADMINISTRATIVE AMENDMENT   
  MINOR MODIFICATION   
  SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: <p style="text-align: center;">J.R. Simplot Company</p>	
2. MAILING ADDRESS:  STREET/P.O. BOX: <u>P.O. Box 198</u>  CITY: <u>Lathrop</u> STATE: <u>CA</u> ZIP CODE: <u>95330-0198</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:  STREET: <u>16777 Howland Rd</u> CITY: <u>Lathrop</u>  _____ ¼ SECTION <u>35</u> TOWNSHIP <u>1S</u> RANGE <u>6E</u>	INSTALLATION DATE:  NA
4. GENERAL NATURE OF BUSINESS: Manufacture, package, and distribute fertilizer and agricultural chemicals.	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary)  ATC N-767-9-15, Minor Modification, The J.R. Simplot Company requests to incorporate the requirements of ATC N-767-9-15 into Title V permit as listed in condition 1 of ATC N-767-9-15.	
6. TYPE OR PRINT NAME OF APPLICANT: <p style="text-align: center;">Brian Crets</p>	TITLE OF APPLICANT: EHS&S Manager
7. SIGNATURE OF APPLICANT:  DATE: <u>2013-10-22</u>	PHONE: (209) 858-6429 FAX: (209) 858-6432 EMAIL: Brian.Crets@Simplot.com

**For APCD Use Only:**

DATE STAMP: <b>RECEIVED</b>  <p style="text-align: center;">OCT 22 2013</p> <p style="text-align: center;">SJVAPCD NORTHERN REGION</p>	FILING FEE RECEIVED: \$ <u>0</u> CHECK#: _____  DATE PAID: _____  PROJECT NO: <u>N1133337</u> FACILITY ID: <u>N-767</u>
--	---

**San Joaquin Valley  
Unified Air Pollution Control District**

**TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM**

**I. TYPE OF PERMIT ACTION (Check appropriate box)**

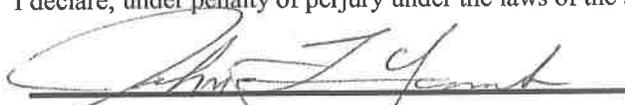
- SIGNIFICANT PERMIT MODIFICATION                       ADMINISTRATIVE  
 MINOR PERMIT MODIFICATION                                       AMENDMENT

COMPANY NAME: J. R. Simplot Company	FACILITY ID: N- 767
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: J. R. Simplot	
3. Agent to the Owner: Brian Crets	

**II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):**

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

  
\_\_\_\_\_  
Signature of Responsible Official

10-22-2013  
Date

John Yanak

\_\_\_\_\_  
Name of Responsible Official (please print)

California Manufacturing Manager

\_\_\_\_\_  
Title of Responsible Official (please print)

## **APPENDIX E**

Previous Title V Operating Permit No.  
N-767-9-12

&

Facility-Wide Title V Operating Permit No.  
N-767-0-3

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-9-12

EXPIRATION DATE: 11/30/2014

## EQUIPMENT DESCRIPTION:

SULFURIC ACID PRODUCTION PLANT CONSISTING OF A SULFUR FURNACE, TWO CONVERTERS, SIX WASTE HEAT RECOVERY BOILERS, A DRYING TOWER WITH AN ENTRAINMENT SEPARATOR, AN INTERSTAGE ABSORPTION TOWER WITH A MIST ELIMINATOR, A FINAL TOWER WITH A MIST ELIMINATOR, 15.0 MMBTU/HR SUR-LITE CORP. MODEL 6-H250 TT NATURAL GAS-FIRED FURNACE IGNITER BURNER (4919-H-303), AND ASSOCIATED EQUIPMENT.

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rules 4201 and 4202] Federally Enforceable Through Title V Permit
2. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 4 pounds per ton of 100% sulfuric acid produced except during periods of start-up and shutdown. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The overall oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 21.5 pounds per ton of 100% sulfuric acid produced during periods of start-up and shutdown. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-74-5. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Emissions of oxides of sulfur as SO<sub>2</sub> from the entire sulfuric acid plant (including fugitive sulfur compound leak emissions) shall not exceed 2,461 pounds during any one day. This performance based limit is to enforce the SO<sub>x</sub> emission reductions granted by certificate N-75-5. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions from the sulfuric acid plant exhaust stack shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Rule 407 (San Joaquin)] Federally Enforceable Through Title V Permit
6. The oxides of sulfur emissions as SO<sub>2</sub> from the sulfuric acid plant shall be determined using the procedures specified in 40 CFR 60.84. [District Rule 2201 and 40 CFR Part 60, Subpart H] Federally Enforceable Through Title V Permit
7. The Sur-Lite Corp. furnace igniter burner shall only be fired on natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Heat input to the Sur-Lite Corp. furnace igniter burner shall not exceed 21,000 MMBtu in any one rolling 12 month period. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The Sur-Lite Corp. furnace igniter burner shall be equipped with an operational non-resettable totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the igniter burner or other District approved alternative. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the Sur-Lite Corp. furnace igniter burner shall not exceed any of the following limits: 0.061 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.005 lb-PM<sub>10</sub>/MMBtu, 0.035 lb-CO/MMBtu, or 0.003 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
11. A source test for oxides of sulfur shall be conducted on an annual basis. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. The results of each test shall be submitted for District evaluation no later than 60 days following each test. [District Rule 1081] Federally Enforceable Through Title V Permit
13. A pretest plan indicating the methods, procedures and operational parameters shall be submitted for District approval no later than 30 days prior to each test. [District Rule 1081] Federally Enforceable Through Title V Permit
14. Source testing to measure concentrations of oxides of sulfur shall be conducted using either CARB Method 6, CARB Method 8, CARB Method 100, EPA Method 6, or EPA Method 8. [District Rule 1081] Federally Enforceable Through Title V Permit
15. Source testing to measure stack gas flow rate, moisture content, and oxygen content shall be conducted using EPA Methods 1 thru 4. [District Rule 1081] Federally Enforceable Through Title V Permit
16. An hourly log of sulfuric acid produced by each process line shall be kept on the premises at all times and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
17. The permittee shall provide, properly install and maintain in proper working order, continuous monitoring and recording systems to measure oxides of sulfur emissions as SO<sub>2</sub>. [District Rule 1080, 5.2.1] Federally Enforceable Through Title V Permit
18. The averaging time for the SO<sub>2</sub> emission monitoring system shall not exceed 15 minutes. [District Rule 2080] Federally Enforceable Through Title V Permit
19. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR 60.84. [District Rule 1080, 6.1.2] Federally Enforceable Through Title V Permit
20. The permittee shall submit a written report for each calendar quarter to the District no later than 30 days following the end of each calendar quarter. The report shall comply with all of the requirements of the District rules. [District Rule 1080, 8.0] Federally Enforceable Through Title V Permit
21. The sampling probe of the Dupont 460 photometric analyzer system shall be replaced with a clean probe at least once per month to prevent emission data gaps due to probe failure. [District Rule 2080] Federally Enforceable Through Title V Permit
22. Invalid SO<sub>2</sub> emission readings caused by the changing of the probe shall not exceed a period of two hours for each probe change. [District Rule 2080] Federally Enforceable Through Title V Permit
23. A written log indicating the date and time of each probe change shall be kept on the premise and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
24. The facility shall not discharge into the atmosphere any gases which contain acid mist, expressed as sulfuric acid, in excess of 0.3 pounds per ton of 100% sulfuric acid produced. [District Rule 4802]
25. Source testing to measure sulfuric acid mist using EPA Method 8 of 40 CFR 60 Appendix A shall be conducted on an annual basis. [District Rule 2520, 9.3.2 and District Rule 4201] Federally Enforceable Through Title V Permit
26. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080, 9.0] Federally Enforceable Through Title V Permit
27. The operator shall notify the district at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within one hour after the breakdown is detected. [District Rule 1080, 10.0] Federally Enforceable Through Title V Permit
28. The continuous SO<sub>2</sub> monitor shall meet the applicable performance specification requirements in 40 CFR Part 51, Appendix P, and Part 60, Appendix B or shall meet equivalent specifications established by mutual agreement of District, ARB, and the EPA. [District Rule 1080, 6.5] Federally Enforceable Through Title V Permit
29. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

30. The facility shall visually inspect for sulfur compound leaks at the sulfuric acid plant ducting and equipment each work shift when the plant is operating. Daily records shall be maintained to verify that a leak inspection was performed during each work shift. [District Rule 4102]
31. All sulfur compound leaks at the sulfuric acid plant ducting or equipment shall be reported to the District within 24 hours of detection. All leaks shall be repaired within 24 hours of detection. If the sulfur compound leaks cannot be repaired within 24 hours of detection, the plant shall be shut down until the leaks are repaired. [District Rule 4102]
32. For each sulfur compound leak occurrence, maintain a record indicating the following: (a). Date and time when the sulfur compound leak occurred; (b). Description (i.e. shape, size, type of leak, etc.) and location (relative to the nearest ductwork or equipment) of the sulfur compound leak; (c). Length of time to repair the sulfur compound leak (in minutes or hours); (d). The quantity of sulfur compound emissions from the leak (in pounds per hour); (e). The total quantity of plant sulfur compound emissions (in pounds per day) indicating whether excess emissions occurred due to the leak. [District Rule 4102]
33. The permittee shall maintain a record of the cumulative annual fuel heat input to the Sur-Lite Corp. furnace igniter burner. The cumulative total shall be updated at least monthly. The fuel heat input can be calculated by multiplying the amount of natural gas fuel combusted (in scf) by a heating value of 1,000 Btu/scf. [District Rules 1070 & 2201] Federally Enforceable Through Title V Permit
34. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

FACILITY: N-767-0-3

EXPIRATION DATE: 11/30/2014

## FACILITY-WIDE REQUIREMENTS

---

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (San Joaquin)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (San Joaquin)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: J R SIMPLOT COMPANY  
Location: 16777 S. HOWLAND ROAD, LATHROP, CA 95330  
N-767-0-3 Dec 12 2011 2:44PM - CHANK

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101 and San Joaquin County Rule 401] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (San Joaquin), Rule 110 (San Joaquin), and Rule 202 (San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. This facility is subjected to 40 CFR part 68. The facility shall submit a risk management plan (RMP) to the appropriate agencies by June 21, 1999, or other dates specified in 40 CFR 68.10. The facility shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR part 70. [40 CFR Part 68] Federally Enforceable Through Title V Permit
43. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin April 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.