



SE
TECHNOLOGIES
98 VANADIUM ROAD
BUILDING D, 2nd FLOOR
BRIDGEVILLE, PA 15017
(412) 221-1100
(412) 257-6103 (FAX)
<http://www.se-env.com>

September 08, 2015

West Virginia Dept. of Environmental Protection
Division of Air Quality – Permitting Section
601 57th Street, SE
Charleston, WV 25304

**RE: Request for Determination
Stewart Winland Production Facility
Permit R13-3214
Plant ID No. 095-00042
Triad Hunter, LLC
Tyler County, West Virginia**

To Whom It May Concern:

On behalf of our client, Triad Hunter Pipeline, LLC, we are pleased to submit three copies of a Permit Determination Form for its Stewart Winland Production Facility in Tyler County near the community of Middlebourne. Triad Hunter is seeking confirmation that removal of a certain piece of equipment at this facility (the condensate tower) which is not an emission source and will not result in any changes in approved emission limits, can be completed without change in the permit.

Triad Hunter is eager to proceed with the removal of this device at the earliest practical date. Consequently, if there are any questions or concerns regarding this application, please contact me at 412/221-1100, x 1628 or rdhonau@se-env.com and we will provide any needed clarification or additional information immediately.

Sincerely,

SE Technologies, LLC

Roger A. Dhonau, PE, QEP
Principal

ID # 095-00042
Reg PS15-081
Company TRIAD HUNTER
Facility STEWART WINLAND Initials JW

Enclosures

Cc: Triad Hunter, LLC – Ryan Crowe

NON-CONFIDENTIAL

REQUEST FOR DETERMINATION

Triad Hunter, LLC

Stewart Winland Production Facility

Tyler County, West Virginia

Application Form

Attachments

- Attachment A Site Location Map
- Attachment B Process Flow Diagram
- Attachment C Process Description
- Attachment D MSDS Sheets

ID # 095-00042
Reg PD15-081
Company TRIAD HUNTER
Facility STEWART WINLAND Initials W

NON-CONFIDENTIAL

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SECTION I

RFD Form



WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR QUALITY
601 57th Street, SE
Charleston, WV 25304
Phone: (304) 926-0475
www.dep.wv.gov/daq

**PERMIT DETERMINATION FORM
(PDF)**

FOR AGENCY USE ONLY: PLANT I.D. # _____

PDF # _____ PERMIT WRITER: _____

1. NAME OF APPLICANT (AS REGISTERED WITH THE WV SECRETARY OF STATE'S OFFICE):

Triad Hunter, LLC

2. NAME OF FACILITY (IF DIFFERENT FROM ABOVE):

Stewart Winland Production Facility

3. NORTH AMERICAN INDUSTRY
CLASSIFICATION SYSTEM (NAICS)
CODE:

211111

4A. MAILING ADDRESS:

125 Putnam Street

Marietta, OH 45750

4B. PHYSICAL ADDRESS: **Access road off of Pleasant Ridge**

Road in Tyler Co. No address.

5A. DIRECTIONS TO FACILITY (PLEASE PROVIDE MAP AS ATTACHMENT A):

5B. NEAREST ROAD:

Pleasant Ridge Road

5C. NEAREST CITY OR TOWN:

Middlebourne

5D. COUNTY:

Tyler

5E. UTM NORTHING (KM):

4373.28531

5F. UTM EASTING (KM):

505.10505

5G. UTM ZONE:

17

6A. INDIVIDUAL TO CONTACT IF MORE INFORMATION IS REQUIRED:

Ryan Crowe

6B. TITLE:

Production and Facilities Engineer

6C. TELEPHONE:

304-761-4833

6D. FAX:

6E. E-MAIL:

RCrowe@triadhunter.energy

7A. DAQ PLANT I.D. NO. (FOR AN EXISTING FACILITY ONLY):

095-00042

7B. PLEASE LIST ALL CURRENT 45CSR13, 45CSR14, 45CSR19
AND/OR TITLE V (45CSR30) PERMIT NUMBERS ASSOCIATED
WITH THIS PROCESS (FOR AN EXISTING FACILITY ONLY):

R13-3214

7C. IS THIS PDF BEING SUBMITTED AS THE RESULT OF AN ENFORCEMENT ACTION? IF YES, PLEASE LIST: **NO**

8A. TYPE OF EMISSION SOURCE (CHECK ONE):

NEW SOURCE ADMINISTRATIVE UPDATE

MODIFICATION OTHER (PLEASE EXPLAIN IN 11B)

8B. IF ADMINISTRATIVE UPDATE, DOES DAQ HAVE THE
APPLICANT'S CONSENT TO UPDATE THE EXISTING
PERMIT WITH THE INFORMATION CONTAINED HEREIN?

YES NO

9. IS DEMOLITION OR PHYSICAL RENOVATION AT AN EXISTING FACILITY INVOLVED? YES NO

10A. DATE OF ANTICIPATED INSTALLATION OR CHANGE:

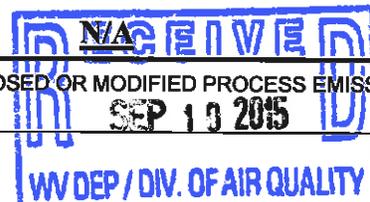
8/ 25/2015

10B. DATE OF ANTICIPATED START-UP:

11A. PLEASE PROVIDE A DETAILED PROCESS FLOW DIAGRAM SHOWING EACH PROPOSED OR MODIFIED PROCESS EMISSION
POINT AS ATTACHMENT B.

11B. PLEASE PROVIDE A DETAILED PROCESS DESCRIPTION AS ATTACHMENT C.

12. PLEASE PROVIDE MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS PROCESSED, USED OR PRODUCED AS
ATTACHMENT D. FOR CHEMICAL PROCESSED, PLEASE PROVIDE A MSDS FOR EACH COMPOUND EMITTED TO AIR.



13A. REGULATED AIR POLLUTANT EMISSIONS:

⇒ FOR A NEW FACILITY, PLEASE PROVIDE PLANT WIDE EMISSIONS BASED ON THE POTENTIAL TO EMIT (PTE) FOR THE FOLLOWING AIR POLLUTANTS INCLUDING ALL PROCESSES.

⇒ FOR AN EXISTING FACILITY, PLEASE PROVIDE THE PROPOSED CHANGE IN EMISSIONS BASED ON THE PTE OF ALL PROCESS CHANGES FOR THE FOLLOWING AIR POLLUTANTS.

PTE FOR A GIVEN POLLUTANT IS TYPICALLY BEFORE AIR POLLUTION CONTROL DEVICES AND IS COLLECTED BASED ON THE MAXIMUM DESIGN CAPACITY OF PROCESS EQUIPMENT.

| POLLUTANT | HOURLY PTE (LB/HR) | YEARLY PTE (TON/YR) (HOURLY PTE MULTIPLIED BY 8760 HR/YR) DIVIDED BY 2000 LB/TON |
|-------------------------|------------------------|--|
| PM | No Change in Potential | Emissions |
| PM ₁₀ | | |
| VOCs | | |
| CO | | |
| NO _x | | |
| SO ₂ | | |
| Pb | | |
| HAPs (AGGREGATE AMOUNT) | | |
| TAPs (INDIVIDUALLY)* | | |
| OTHER (INDIVIDUALLY)* | | |

* ATTACH ADDITIONAL PAGES AS NEEDED

13B. PLEASE PROVIDE ALL SUPPORTING CALCULATIONS AS ATTACHMENT E.

CALCULATE AN HOURLY AND YEARLY PTE OF EACH PROCESS EMISSION POINT (SHOWN IN YOUR DETAILED PROCESS FLOW DIAGRAM) FOR ALL AIR POLLUTANTS LISTED ABOVE INCLUDING INDIVIDUAL HAP'S (LISTED IN SECTION 112[b] OF THE 1990 CAAA), TAP'S (LISTED IN 45CSR27), AND OTHER AIR POLLUTANTS (E.G. POLLUTANTS LISTED IN TABLE 45-13A OF 45CSR13, MINERAL ACIDS PER 45CSR7, ETC.).

14. CERTIFICATION OF DATA

I, MIKE HOKAN (TYPE NAME) ATTEST THAT ALL THE REPRESENTATIONS CONTAINED IN THIS APPLICATION, OR APPENDED HERETO, ARE TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE BASED ON INFORMATION AND BELIEF AFTER REASONABLE INQUIRY, AND THAT I AM A RESPONSIBLE OFFICIAL** (PRESIDENT, VICE PRESIDENT, SECRETARY OR TREASURER, GENERAL PARTNER OR SOLE PROPRIETOR) OF THE APPLICANT.

SIGNATURE OF RESPONSIBLE OFFICIAL: _____

M. J. Hoover

TITLE: V. P. Operations

DATE: 9 / 2 / 15

** THE DEFINITION OF THE PHRASE 'RESPONSIBLE OFFICIAL' CAN BE FOUND AT 45CSR13, SECTION 2.23.

NOTE: PLEASE CHECK ENCLOSED ATTACHMENTS:

ATTACHMENT A ATTACHMENT B ATTACHMENT C ATTACHMENT D ATTACHMENT E

RECORDS ON ALL CHANGES ARE REQUIRED TO BE KEPT AND MAINTAINED ON-SITE FOR TWO (2) YEARS.

THE PERMIT DETERMINATION FORM WITH THE INSTRUCTIONS CAN BE FOUND ON DAQ'S PERMITTING SECTION WEB SITE:

www.dep.wv.gov/daq

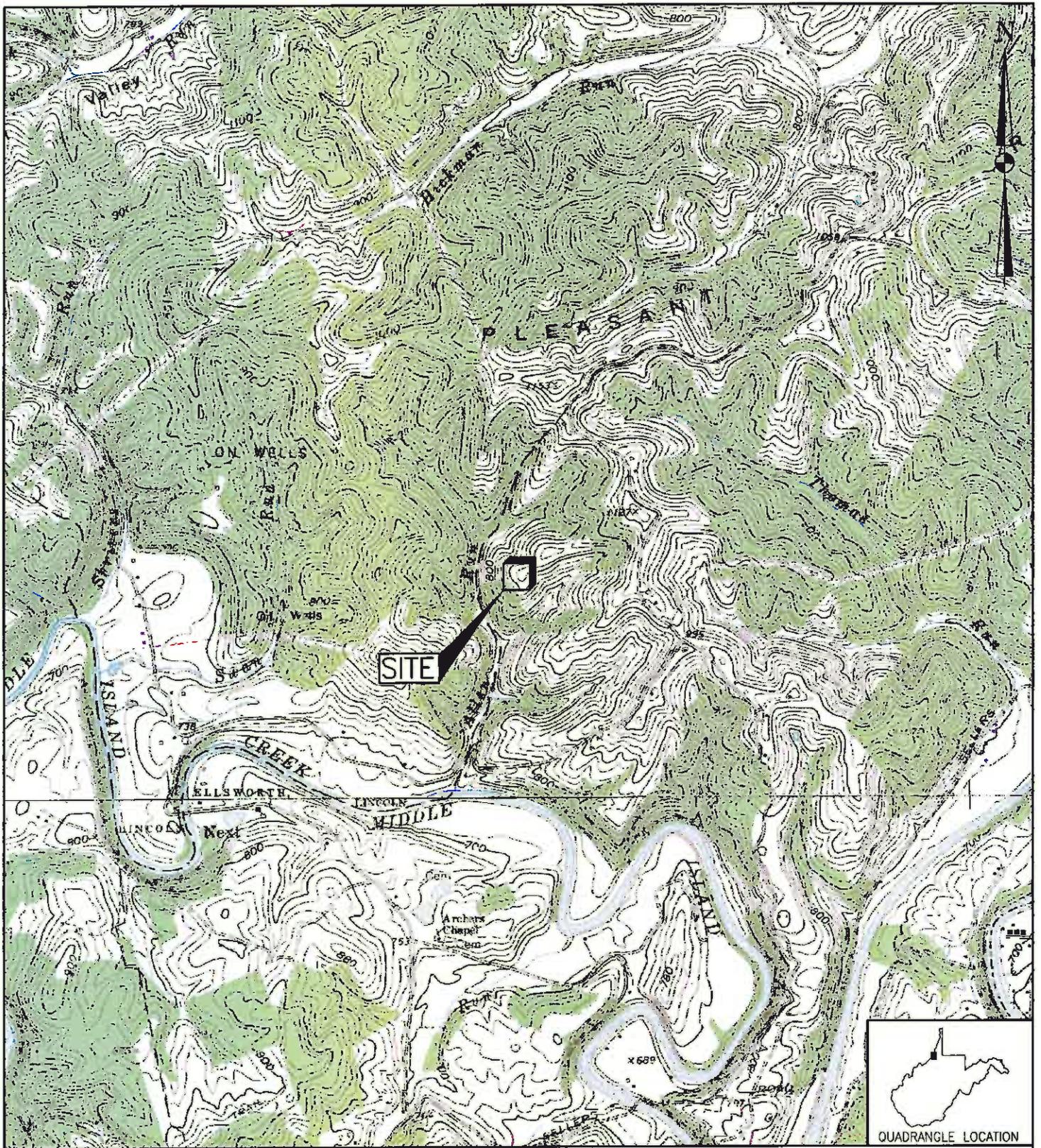


SECTION II

Attachments

ATTACHMENT A

Site Location Map



REFERENCE: USGS 7.5' QUADRANGLE MAP OF: PADEN CITY, WEST VIRGINIA-OHIO; DATED 1960, PHOTOREVISED 1972 & 1972, PHOTOINSPECTED 1989.

| | |
|---------------|------------------------|
| DRAWN BY | DJF |
| DATE | 4/30/14 |
| CHECKED BY | RAD |
| SET JOB NO. | 214012 |
| SET DWG FILE | STEWART WINLANDm01.dwg |
| DRAWING SCALE | 1"=2000' |



98 Vanadium Road Bridgeville, PA 15017 (412) 221-1100

TRIAD HUNTER

STEWART WINLAND PRODUCTION FACILITY
MIDDLEBOURNE, TYLER COUNTY, WEST VIRGINIA
SITE LOCATION MAP

DRAWING NO.

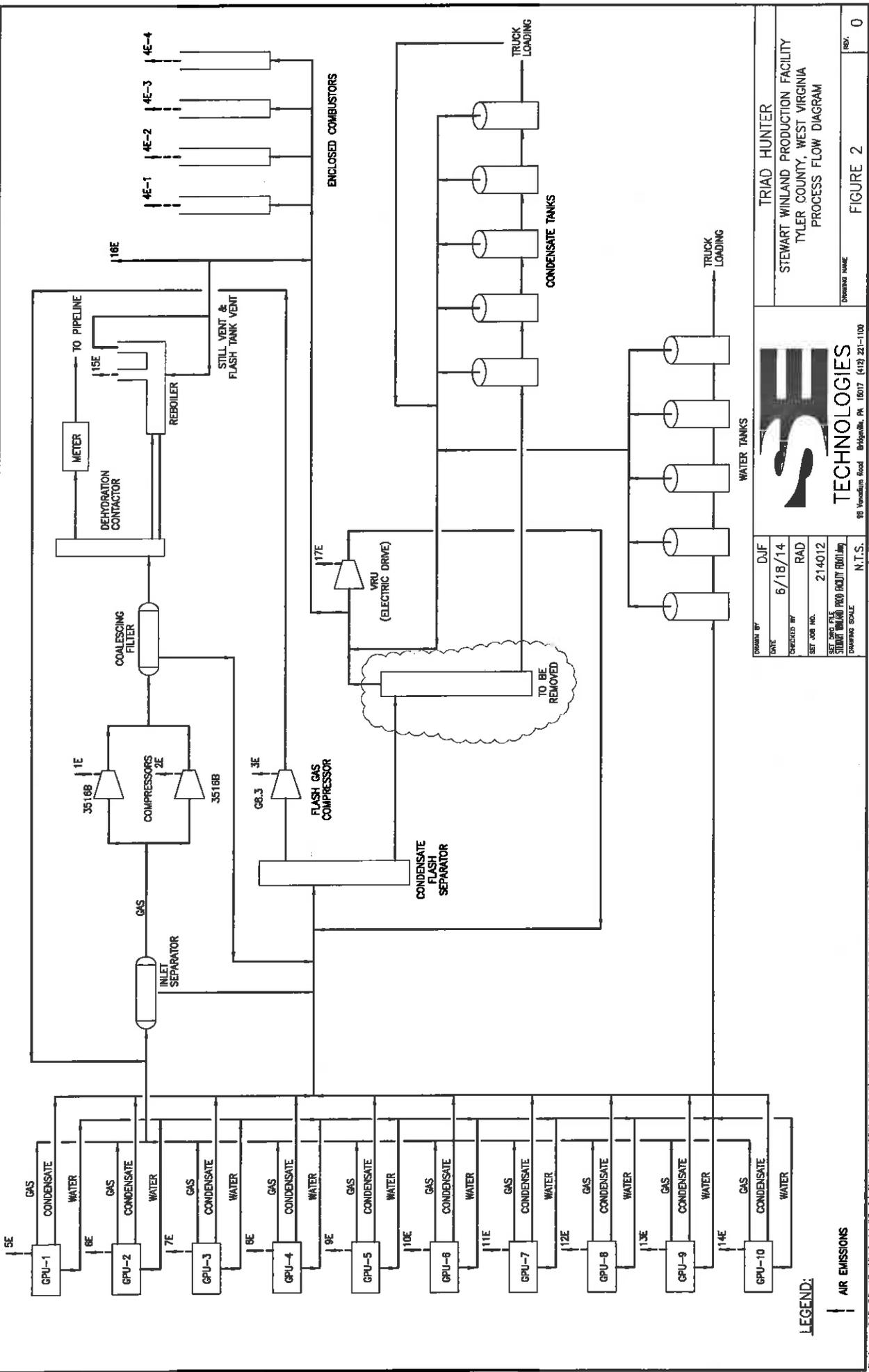
FIGURE 1

REV.

0

ATTACHMENT B

Process Flow Diagram



LEGEND:

— AIR EMISSIONS

| | |
|---------------|---|
| DRAWN BY | DJF |
| DATE | 6/18/14 |
| CHECKED BY | RAD |
| SET JOB NO. | 214012 |
| SET DWG FILE | STEWART WINLAND PROD FACILITY EMISSIONS |
| DRAWING SCALE | N.T.S. |



STEWART WINLAND PRODUCTION FACILITY
 TYLER COUNTY, WEST VIRGINIA
 PROCESS FLOW DIAGRAM

FIGURE 2

REV. 0

ATTACHMENT C

Process Description

Triad Hunter, LLC
Stewart Winland Production Facility
Attachment C – Process Description

Triad Hunter, LLC currently operates the Stewart Winland Production Facility off of County Road 18/4 in Tyler County, under Permit R13-3214. The facility receives natural gas and Produced Fluids from production wells located on a contiguous well pad. The wells are also owned and operated by Triad.

At this facility, gas produced by the wells is passed through heated Gas Processing Units (GPUs) where Produced Fluids are separated from the raw gas stream and further separated into Produced Water and Condensate. The gas is compressed, dehydrated and injected into pipelines for transportation to facilities owned by others for further processing.

The separated raw condensate is processed through a condensate flash vessel where through a reduction in pressure, dissolved gases (primarily methane, ethane and propane) are flashed off of the condensate and routed to a flash compressor for re-injection into the inlet side of the gas management system. After exiting the condensate flash vessel, the condensate is then passed through a condensate tower where the pressure is further reduced to slightly above one atmosphere, thereby allowing remaining dissolved gases to flash out of the condensate. Vapors separated in the condensate tower are routed to the Vapor Recovery Units (VRU), along with gases evolving from the condensate and water storage tanks. Vapors from truck loading are also routed to the VRU. As a safety measure, the inlet to the VRU is equipped with an oxygen sensor which triggers a switch to the enclosed combustors in the event that the oxygen content from truck loading vapor return causes the overall inlet to the VRU to exceed safety limits.

Triad Hunter has determined that very little additional gas is removed from the condensate in the condensate tower and intends to remove it. The small amount of gas that was removed in this vessel and routed to the VRU will now be released from the condensate while in the condensate storage tank. As vapors from both the condensate tower and the condensate storage tanks both went to the VRU, that control device will see no change in vapors it received as a result of removal of the condensate tower. **Consequently, this slight modification of facility equipment will not result in any changes in potential emissions from individual emission points or the facility as a whole.**

The existing permit does not directly address the condensate tower. It is addressed indirectly in Section 8.8.1 where it states:

The permittee shall route all VOC and HAP vapors from the Storage Tanks (T01-T10) from the Tank Truck Loading Area (TT Load), from the Dehydration Unit Flash Tank (RSV-1) and from the other process equipment identified in the permit application to the Vapor Recover Ynit (VRU) or the Vapor Combustor Units (VCU-1 thru VCU-4) prior to release to the atmosphere when the vapor recovery unit (VRU) is shut down.

The underlined portion of this text is the only aspect of the permit that may need to be changed as a part of this determination.

ATTACHMENT D

MSDS Sheets



Where energy meets innovation.

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Natural Gas Pipeline Condensate.

SYNONYMS: Produced Water, Pipeline Drip, Formation Water, Salt Water, Oily Water.

PRODUCT DESCRIPTION: Water extracted from natural gas well production with residual mineral contents and residual hydrocarbons.

PRODUCT CODES: Mixture. See CAS Numbers of Individual Components.

MANUFACTURER: EQT
DIVISION: Waynesburg Operations
ADDRESS: 175 Industry Road
Waynesburg, PA 15370

EMERGENCY PHONE: (800) 926-1759 After hours: (800) 926-1759
CHEMTREC PHONE: (800) 424-9300

CHEMICAL NAME: Water
CHEMICAL FAMILY: Brine Waters
CHEMICAL FORMULA: Mixture
CAS Reg. No.: Mixture

PRODUCT USE: Waste Brine, brine stock for chemical industry, salt brine for ice and snow removal.

PREPARED BY: MSES Consultants, Inc.
609 West Main Street
Clarksburg, WV 26301

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | CAS No. | % Wt | OSHA PEL | ACGIH TLV |
|-------------------|----------------|-------------|-----------------|------------------|
| Produced Water | Mixture | > 68 | None | N/A |
| Mineral Variety | N/A | < 32 | None | N/A |
| Gas Condensate | 8002-05-9 | < 1 | 500 ppm | N/A |
| Benzene | 71-43-2 | < 1 | 1 ppm | 0.5 ppm |
| Hydrogen Sulfide | 7783-06-4 | < 1 | 20 ppm | 1 ppm |

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

ROUTES OF ENTRY: Inhalation, ingestion, skin contact

POTENTIAL HEALTH EFFECTS

EYES: Eye contact with vapors may cause eye irritation. Eye contact with liquid may cause irritation and pain. Eye contact with H₂S may cause painful irritation and may be indicative of exposure above applicable H₂S standards.

SKIN: Skin contact may cause skin irritation and redness. Repeated or prolonged skin contact may cause dermatitis.

INGESTION: Ingestion may cause irritation of the digestive tract that may result in nausea, vomiting and diarrhea. In addition, signs and symptoms of H₂S toxicity may be present.

INHALATION: Breathing the mist and vapors may be irritating to the respiratory tract. H₂S is irritating and highly toxic if inhaled.

ACUTE HEALTH HAZARDS: Inhalation of high vapor concentrations may have results ranging from dizziness, drowsiness, headache, nausea, to possibly unconsciousness, and death, depending on concentrations and length of exposure. Inhalation of H₂S will cause symptoms similar to carbon monoxide poisoning.

CHRONIC HEALTH HAZARDS: Skin, eye and respiratory tract irritation. Gastrointestinal and vascular effects and death may occur at high concentrations. May cause nervous system effects, such as headache, nausea and drowsiness. May contain high concentration of hydrogen sulfide, from which respiratory paralysis and death may occur.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any condition causing impaired function of the respiratory systems.

CARCINOGENICITY

OSHA: Not Regulated NTP: Not Applicable IARC: Not Applicable

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes immediately with clean, low-pressure water for at least 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing, seek medical attention. If eye is exposed to hot liquid, cover eyes with cloth and seek medical attention immediately.

SKIN: In case of hot liquid exposure, do not remove clothing or treat, wash only unburned area and seek medical attention immediately.

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

- INGESTION:** Do not induce vomiting. If spontaneous vomiting occurs, hold the victim's head lower than hips to prevent aspiration of liquid into the lungs. Have exposed individual rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Obtain medical assistance immediately.
- INHALATION:** Immediately remove person to area of fresh air. Call 911, emergency medical service, or Emergency Phone Numbers(s) provided in Section 1. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: > 200° F; > 93° C

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

EXTINGUISHING MEDIA: Water stream, water mist.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area downwind of source. Stop liquids flow and extinguish fire. If gas source cannot be shut off immediately, equipment and surfaces exposed to the fire should be cooled with water to prevent overheating and explosions. Control fire until the natural gas condensate has burned off.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If large amounts of natural gas condensate are present, they are extremely flammable and they can form flammable mixtures with air. Condensate will burn in the open or be explosive in confined spaces. Its vapors are lighter than air and will disperse.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, and toxic vapors as a result of incomplete combustion.

SECTION 5 NOTES: Generally non-flammable, depending on the amount of natural gas condensate present. If large quantities of natural gas condensate are present, then water may be ineffective on flames and should be used only to keep fire-exposed containers cool. Use water mists to keep the surrounding areas cool.

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

| | |
|---------------|---|
| Small: | Evacuate area. Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate area. |
| Large: | Evacuate area. Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Non-essential employees should be evacuated from the exposure area. Persons involved in the control and repair of the leak should be provided with all necessary protective equipment and be properly trained for emergency situations involving this material. Stop leaks only when safe to do so. Stay upwind, and out of low areas. Ventilate closed spaces before entering. Use water spray to cool equipment surfaces, and containers exposed to fire and excessive heat. |

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Handling: Use only with adequate ventilation. Wear appropriate personal protective equipment and use exposure controls as indicated in Section 8. Vent slowly to the atmosphere when opening. Avoid all contact with skin and eyes. Avoid breathing product vapors. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Remove contaminated clothing immediately. Wash with soap and water after working with this product.

Storage: Store in a segregated and approved area. Store in vented containers in a well-ventilated area, away from heat and ignition sources. Use appropriate containment to avoid environmental contamination.

OTHER PRECAUTIONS: Bond and ground containers.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the flammability limits, particularly in confined spaces. Use explosion-proof equipment and lighting in classified / controlled areas.

RESPIRATORY PROTECTION: Respiratory protection is not required for normal use. In non-emergency

MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE

FILE NO.:
MSDS DATE: 02/13/2012

situations, use NIOSH approved respiratory protective equipment in situations where airborne concentrations may meet or exceed occupational exposure levels. At excessive concentrations, wear a NIOSH approved full-face self-contained breathing apparatus (SCBA) with supplied air.

EYE PROTECTION: Wear splash-proof goggles and/or face shield for protection from spray.

SKIN PROTECTION: Consider wearing long-sleeve, FRC, otherwise normal working clothes should be worn. Wash contaminated clothing prior to reuse. If gloves are required for job operations involving this product, wear nitrile rubber or polyvinylalcohol (PVAL) gloves

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brine water. Colorless to lightly colored. Clear to turbid.

ODOR: Slight hydrocarbon / rotten egg odor if hydrogen sulfide is present.

PHYSICAL STATE: Liquid

BOILING POINT: 212° F (100° C)

MELTING POINT: Not determined

FREEZING POINT: < 32° C. < 0° C

VAPOR PRESSURE (mmHg): Not determined

VAPOR DENSITY (AIR = 1): 1.2

SPECIFIC GRAVITY (H2O = 1): > 1

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: This material is aqueous.

PERCENT SOLIDS BY WEIGHT: < 32%

PERCENT VOLATILE: < 1% by weight and by volume

VOLATILE ORGANIC COMPOUNDS (VOC): Not determined

MOLECULAR WEIGHT: Not determined

VISCOSITY: Not determined

SECTION 9 NOTES:

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Generally non-flammable. Can be flammable, depending on the quantity of natural gas liquids present.

INCOMPATIBILITY (MATERIAL TO AVOID): Oxygen and strong oxidizing material – if natural gas liquids present.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide, and various hydrocarbons formed during incomplete combustion.

HAZARDOUS POLYMERIZATION: Polymerization will not occur.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **BENZENE:** This product contains benzene, which can cause degeneration in blood forming bone marrow leading to anemia which may further degrade to leukemia, a type of cancer. Acute benzene poisoning causes central nervous system depression. Chronic exposure affects the hematopoietic system causing blood disorders including anemia and pancytopenia. Mutagenic and clastogenic in mammalian and non-mammalian test systems. Reproductive or developmental toxicant only at doses that are maternally toxic, based on tests with animals.

HYDROGEN SULFIDE: This product contains hydrogen sulfide, which may be fatal if inhaled. Inhalation of a single breath at a concentration of 1000 ppm (0.1%) may cause coma. Hydrogen sulfide is corrosive when moist. Skin contact may cause burns. There is a rapid loss of sense of smell on exposure to gas concentrations above 150 ppm, and this means that the extent of exposure may be underestimated. Perception threshold ranges from 0.5 ppt to 0.1 ppm. It is an irritant and asphyxiant.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not discharge into or allow runoff to flow into sewers and natural waterways. Contain spill material and dike for proper disposal. May be hazardous to waterways/wildlife.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product is not a "listed" hazardous waste. But when disposed of in containers may meet the criteria of being an "ignitable" waste. It is the responsibility of the user to determine if the material disposed of meets federal, state, or local criteria to be defined as a hazardous waste and dispose of accordingly.

**MATERIAL SAFETY DATA SHEET
NATURAL GAS PIPELINE CONDENSATE**

FILE NO.:
MSDS DATE: 02/13/2012

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME:**

**NOT REGULATED as a Hazardous Material for
Transportation.**

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

US OSHA Hazard Communication Class

**This product is hazardous under 29CFR 1910.1200 (Hazard
Communication). HCS Class: Irritating Substance.**

USA Right-to-Know – Federal

**None of this product's components are listed under SARA
Section 302 (40 CFR 355 Appendix A), SARA Section 313
(40 CFR 372.65), or CERCLA (40 CFR 302.4).**

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

**MSES Consultants, Inc.
609 West Main Street
Clarksburg, WV 26301**

DISCLAIMER:

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our Company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.