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State of West Virginia

Department of Environmental Protection - Office of Oil and Gas

Discharge Monitoring Report

MORGANTOWR, WV

Oil and Gas General Permit

| Company Name:                  | Triad H    | unter, LLC                     |                  |                |                                |
|--------------------------------|------------|--------------------------------|------------------|----------------|--------------------------------|
| API No:                        | 47-095-    | 02023                          |                  | County:        | Tyler County                   |
| District:                      | McElroy    | 1                              |                  | -              | Everett Weese 1109             |
| Farm Name:                     | Roger V    | Veese                          |                  |                |                                |
| Discharge Date/s I             | From:(M    | (MDDYY) 12/20/11               |                  | To: (MMI       | DDYY) 01/03/12                 |
| Discharge Times.               | From:      | 06:00 pm                       |                  | To: 12:00      | ·                              |
| Total Volume to b              | e Dispo    | sed from this facility (galle  | ons):            | 281,114.4 ga   | allons                         |
|                                |            | ed (write volumes in gallon    |                  |                | <del></del>                    |
| (1) Land Applicat              | tion:      |                                | (Include         | a topograpł    | hical map of the Area.)        |
| (2) UIC:                       |            | 281,114.4 gallons              | Permit 1         | No. 387 C      | Dhio Disposal Well 34-121-1995 |
| (3) Offsite Dispos             | sal:       |                                | Site Loc         | ation:         |                                |
| (4) Reuse:                     |            |                                | Alternat         | e Permit Nu    | mber:                          |
| (5) Centralized Fa             | acility:   |                                | Permit 1         | No.            |                                |
| (6) Other method               | •          |                                | (Include         | an explanat    | tion)                          |
| Follow Instruction             | s below    | to determine your treatmen     | nt categoi       | ry:            | ,                              |
|                                |            | st: 10000 Cl- mg/l             |                  | DO mg/         |                                |
| 1. Do you have                 | permiss    | ion to use expedited treatm    | ent from         |                |                                |
| (Y/N) No                       |            | If yes, who?                   |                  | and            | d place a four (4) on line 7.  |
| If not go to li                |            | ovibaale mut into the uito (X) | AT N             | TC             | . 1. 5 70                      |
| line 3.                        | iiu oi iic | owback put into the pit? (Y    | /N) <u>NO</u>    | If yes         | s, go to line 5. If not, go to |
|                                | a chlori   | de value pretreatment (see     | above)?          | (V/N) Yes      | If yes, go to line 4           |
| If not, go to li               |            | as varios protestatinente (Boo | <i>uoovoj.</i> ( | (1/11)00       | 11 yes, go to file 4           |
| . •                            |            | less than 5000 mg/l? (Y/N)     | ) No             | If yes, the    | hen enter a one (1) on line 7. |
|                                |            | atment value for DO? (See      |                  |                | If yes, go to line 6           |
| If not, enter a                | three (3   | 3) in line 7.                  |                  | -              |                                |
|                                |            | er than 2.5 mg/l?(Y/N)         |                  | If yes, e      | enter a two (2) on line 7. If  |
| not, enter a th                |            |                                | •                |                |                                |
| 7. <u>3</u> is the 8. Comments | ne catego  | ory of your pit. Use the Ap    | propriate        | e section.     |                                |
| 6. Comments                    | on Fit C   | ondition:                      |                  |                |                                |
|                                |            |                                |                  |                |                                |
| Name of Princip                | al Exec    | . Officer: Rocky Roll          | SER3             |                |                                |
| Title of Officer:              |            | . VP OF APPALACHIA             | J OPEC           | 4 TIC ~        |                                |
| Date Completed                 |            | 3-8-12                         |                  | <u> </u>       |                                |
| I certify und                  | ler pena   | lty of law that I have per     | sonally e        | xamined and    | d am familiar with the         |
| information sub                | mitted c   | on this document and all th    | e attachn        | nents and tha  | at, based on my inquiry        |
| of those individ               | uals im    | mediately responsible for      | obtaining        | the inform     | ation I believe that the       |
| information is tr              | ue, acci   | urate, and complete. I am      | aware tha        | at there are s | significant penalties for      |
| anomining faise                | iniorma    | ation, including the possibi   | lity of fin      | e and impris   | sonment.                       |

Signature of a Principal Exec. Officer or Authorized agent.

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APR 2 6 2012

| Category 1       |  |
|------------------|--|
| Sampling Results |  |
| ADI No.          |  |

SURVEY I, WV

| API No:                                   |                 | <del></del>         |                 | WVG            | EOLOGICAL<br>NORGANTOWA |
|---|-----------------|---------------------|-----------------|----------------|-------------------------|
|   | Predi           | scharge             | Disc            | harge          |                         |
| Parameter                                 | Limits          | Reported            | Limits          | Reported       | Units                   |
| pH  | 6-10            |                     | 6-10            |                | S.U                     |
| Settling Time                             | 5               |                     | N/A             | N/A            | Days                    |
| Fe  | 6               |                     | , 6             |                | mg/l                    |
| D.O.                                      | 2.5             |                     | 2.5             |                | mg/l                    |
| Settleable Sol.                           | 0.5             |                     | 0.5             |                | mg/l                    |
| Cl  | 5,000           | -                   | 5,000           |                | mg/l                    |
| Oil                                       | Trace           |                     | Trace           |                | Obs.                    |
| TOC**                                     |                 |                     | Monitor         |                | mg/l                    |
| Oil and Grease                            |                 |                     | Monitor         |                | mg/l                    |
| Total Al***                               |                 |                     | Monitor         |                | mg/l                    |
| TSS                                       |                 |                     | Monitor         |                | mg/l                    |
| Total Mn                                  | Monitor         |                     | Monitor         |                | mg/l                    |
| Volume                                    |                 |                     | Monitor         |                | Gal                     |
| Flow                                      |                 |                     | Monitor         |                | Gal/min                 |
| Disposal Area  *** Al is only rep         |                 |                     | Monitor         |                | Acres                   |
| Category 2<br>Sampling Results<br>API No: |                 |                     |                 |                |                         |
|   | Duodi           |                     | D.              |                |                         |
| Parameter                                 | Limits          | scharge<br>Reported | Disc.<br>Limits | harge          | TI \$4                  |
| рН  | 6-10            | Reported            | 6-10            | Reported       | <b>Units</b><br>S.U     |
| Settling Time                             | 10              |                     | 0-10<br>N/A     | N/A            |                         |
| Fe Fe                                     | 6               |                     | 6               | IN/A           | Days                    |
| D.O.                                      | 2.5             |                     | 2.5             |                | mg/l                    |
| Settleable Sol.                           | 0.5             |                     | 0.5             |                | mg/l                    |
| Cl*                                       | 12,500          |                     | 12,500          |                | mg/l                    |
| Oil                                       | Trace           |                     | Trace           |                | mg/l                    |
| TOC**                                     | Trace           |                     | Monitor         |                | Obs.                    |
| Oil and Grease                            |                 |                     | Monitor         |                | mg/l                    |
| Total Al***                               |                 |                     | Monitor         |                | mg/l                    |
| TSS                                       |                 |                     |                 |                | mg/l                    |
| Total Mn                                  | Monitor         |                     | Monitor         |                | mg/l                    |
| Volume                                    | MOIIIOI         |                     | Monitor         |                | mg/l                    |
| Flow                                      |                 |                     | Monitor         |                | Gal                     |
| Disposal Area                             |                 |                     | Monitor         |                | Gal/min                 |
| * Can be 25,000 w                         | ith inspector's | approval,           | Monitor         |                | Acres                   |
| (Inspector's signate                      | ure):           |                     | Da              | ate:           |                         |
| ** Include a descri                       | · -             | eration technic     |                 | Aeration Cod   | <b>e</b> •              |
| *** Al is only repo                       | orted if the pH | is above 9.0        | w • •           | A SOLUTION COU | ···                     |

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WV GEOLOGICAL SURVEY
MOROSHTOWN, WV

Category 3
Sampling Results
API No:

|   | Predi   | scharge                  | Disc   | harge             |   |
|---|---|--------------------------|--|-------------------|---|
| <b>Parameter</b>  | Limits  | Reported                 | Limits   | Reported          | Units   |
| pН  | 6-10  | •                        | 6-10   | •                 | S.U   |
| Settling Time   | 20  |                          | N/A  | N/A               | Days  |
| Fe  | 6   |                          | 6  |                   | mg/l  |
| D.O.  | 2.5   |                          | 2.5  |                   | mg/l  |
| Settleable Sol.   | 0.5   |                          | 0.5  |                   | mg/l  |
| Cl*   | 12,500  |                          | 12,500   |                   | mg/l  |
| Oil   | Trace   |                          | Trace  |                   | Obs.  |
| TOC**   |   |                          | Monitor  |                   | mg/l  |
| Oil and Grease  |   |                          | Monitor  |                   | mg/l  |
| Total Al***   |   |                          | Monitor  |                   | mg/l  |
| TSS   |   |                          | Monitor  |                   | mg/l  |
| Total Mn  | Monitor   |                          | Monitor  |                   | mg/l  |
| Volume  |   |                          | Monitor  |                   | Gal   |
| Flow  |   |                          | Monitor  |                   | Gal/min   |
| Disposal Area   |   |                          | Monitor  |                   | Acres   |
| * Can be 25,000 wit   | h inspector's   | approval,                |  |                   | 110105  |
|   | -   | •                        |  |                   |   |
| (Inspector's signatur   |   |                          |  | ate:              |   |
| ** Include a descript  *** Al is only report  |   |                          | ue.  | Aeration Cod      | le:   |
| At is only repor  | ieu ii uie pri  | is above 9.0.            |  |                   |   |
| Category 4  |   |                          |  |                   |   |
| Sampling Results  |   |                          |  |                   |   |
|   |   |                          |  |                   |   |
|   |   |                          |  |                   |   |
| API No:   |   | _                        |  |                   |   |
|   | Predis  | -<br>scharge             | Disc   | harge             |   |
|   | Predis<br>Limits  | –<br>scharge<br>Reported | Disc<br>Limits   | harge<br>Reported | Units   |
| API No:   |   | _                        |  | harge<br>Reported | <b>Units</b><br>S.U   |
| API No:   | Limits  | _                        | Limits   | _                 | S.U   |
| API No:  Parameter pH   | Limits<br>6-10  | _                        | Limits<br>6-10   | Reported          | S.U<br>Days   |
| API No:  Parameter pH Settling Time   | <b>Limits</b><br>6-10<br>1  | _                        | Limits<br>6-10<br>N/A  | Reported          | S.U<br>Days<br>mg/l   |
| API No:  Parameter pH Settling Time Fe  | Limits<br>6-10<br>1<br>Monitor  | _                        | Limits<br>6-10<br>N/A<br>Monitor   | Reported          | S.U<br>Days<br>mg/l<br>mg/l   |
| Parameter pH Settling Time Fe D.O.  | Limits 6-10 1 Monitor Monitor   | _                        | Limits 6-10 N/A Monitor Monitor Monitor  | Reported          | S.U<br>Days<br>mg/l<br>mg/l<br>mg/l   |
| Parameter pH Settling Time Fe D.O. Settleable Sol.  | Limits 6-10 1 Monitor Monitor Monitor                                   | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500   | Reported          | S.U<br>Days<br>mg/l<br>mg/l<br>mg/l<br>mg/l   |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl*  | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500          | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace   | Reported          | S.U Days mg/l mg/l mg/l mg/l Obs.   |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil  | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500          | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor   | Reported          | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l  |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC**  | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500          | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor   | Reported          | S.U Days mg/l mg/l mg/l obs. mg/l mg/l  |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease   | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500<br>Trace | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor   | Reported          | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l                                     |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS   | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500          | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor Monitor   | Reported          | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l mg/l                                |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn  | Limits<br>6-10<br>1<br>Monitor<br>Monitor<br>Monitor<br>12,500<br>Trace | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor Monitor Monitor   | Reported          | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l Gal                                 |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn Volume Flow  | Limits 6-10 1 Monitor Monitor Monitor 12,500 Trace  Monitor             | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor Monitor Monitor Monitor Monitor                         | Reported  N/A     | S.U Days mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l gal Gal/min                              |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn Volume   | Limits 6-10 1 Monitor Monitor Monitor 12,500 Trace  Monitor             | Reported                 | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor Monitor Monitor   | Reported          | S.U Days mg/l mg/l mg/l obs. mg/l mg/l mg/l mg/l gal Gal Gal/min lb/Bl                    |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn Volume Flow Activated Carbon (0.1) Date Site Reclaimed               | Limits 6-10 1 Monitor Monitor Monitor 12,500 Trace  Monitor             | _                        | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor | Reported  N/A     | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l Gal Gal/min lb/Bl 10 days from dis. |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn Volume Flow Activated Carbon (0.1) Date Site Reclaimed Disposal Area | Limits 6-10 1 Monitor Monitor Monitor 12,500 Trace  Monitor             | Reported  N/A            | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor Monitor Monitor Monitor Monitor Monitor Monitor                         | Reported  N/A     | S.U Days mg/l mg/l mg/l obs. mg/l mg/l mg/l mg/l gal Gal Gal/min lb/Bl                    |
| Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease TSS Total Mn Volume Flow Activated Carbon (0.1) Date Site Reclaimed               | Limits 6-10 1 Monitor Monitor Monitor 12,500 Trace  Monitor             | Reported  N/A            | Limits 6-10 N/A Monitor Monitor Monitor 12,500 Trace Monitor | Reported  N/A     | S.U Days mg/l mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l Gal Gal/min lb/Bl 10 days from dis. |