

December 16, 2022

Gregorio Ramon, CEO
Little Rock Water Reclamation Authority
11 Clearwater Drive
Little Rock, AR 72204

Via email: greg.ramon@lrwra.com & eric.wassell@lrwra.com <a href="mailto:eri

RE: Adams Field Water Reclamation Inspection

AFIN: 60-00409 Permit No.: AR0021806

Dear Mr. Ramon:

On June 16, 2022, I performed a Compliance Evaluation Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

No violations were noted at the time of the inspection. Please refer to the inspection report for any comments.

If I can be of any assistance please contact me at blain.sanders@adeq.state.ar.us or (501) 682-0657.

Sincerely,

Blain Sanders

Inspector, Office of Water Quality

5301 Northshore Drive, North Little Rock, AR, 72118



OFFICE OF WATER QUALITY

| 1 | | ENVIRONMENTAL | | | IIIOI LOTT | ONINEFORI | | | |
|---|--|--------------------------|---|--------------------------|--|-----------------------|-------------------------|------------------------|----------------------------------|
| (NEW (| | QUALITY | AF | IN: 60-00409 F | PERMIT #: AR0021 | 806 | | DATE: 6/16/2022 | |
| (o) | AND ENVIRON | | CC | DUNTY: 60 Pulas | ski | PDS 7 | #: 12387 7 | 7 | MEDIA: WN |
| | | | GF | PS LAT: 34.7353 1 | 12 LONG: -92.216 | 033 L | OCATIO | N: G | eneral Area |
| | | FACILITY INFORMAT | ION | | | _ | TION INF | ORI | MATION |
| | | Water Reclamation | | | FACILITY TYPE: 1 - Municipal | | 247 S - St | | |
| | 01 Temple | Street | | | 4 - Satisfactory | | C | omp | on type: pliance Evaluation |
| Lit | tle Rock | | | | 1.7 | TRY TIME: 2:50 | EXIT TIME: 14:45 | | PERMIT EFFECTIVE DATE: |
| | | RESPONSIBLE OFFIC | CIAL | - | ··· | | | | 1/1/2018 PERMIT EXPIRATION DATE: |
| | _{E: / ТІТLE} egorio Rar | mon / CEO | | | | | | | 12/31/2022 |
| COMP | COMPANY: Little Rock Water Reclamation Authority | | | FAYETTEVILLE | | | | | |
| | MAILING ADDRESS: | | | FAYETTEVILLE | | | | | |
| | 11 Clearwater Drive | | | | | TION PAF | RTIC | CIPANTS | |
| CITY, STATE, ZIP: Little Rock AR 72204 PHONE & EXT: / FAX: / EMAIL: | | | Blain Sanders, DEQ Inspector, 501-682-0657 Hunter Strom, DEQ Inspector, 501-683-0827 Eric Wassell, Manager, LRWRA | | | | | | |
| gre | eg.ramon@ | ②Irwra.com & eric.wass | | | _ | | | | |
| CC | ONTACTED | DURING INSPECTION: | No | | | | | | |
| | | (S=S | atisfac | | ALUATIONS tisfactory, N=Not Applicable/ | Evaluated |) | | |
| S | PERMIT | · | S | FLOW MEASU | REMENT | N | STORM | | |
| S | | S/REPORTS | S | LABORATORY | | N | | | SITE REVIEW |
| S | SAMPLIN | ION & MAINTENANCE | S | <u> </u> | CEIVING WATER DLING/DISPOSAL | S | SELF-M PRETR | | ITORING PROGRAM |
| N N | OTHER: | 10 | ၂ | SLUDGE HANL | JEING/DISPUSAL | 14 | LLKEIK | ∟A I | IVICIN I |
| .4 | JIIILIN. | | | SUMMARY | OF FINDINGS | | | | |
| No | violations | s were noted at the time | of | | | | | | |
| | | | | GENERAL | COMMENTS | | | | |
| Fa | cility was o | clean and well maintain | ed v | with a very knov | vledgeable staff. | | | | |
| INS | SPECTOR' | S SIGNATURE: | GANG. | Blain Sand | lers | | | | DATE: 7/8/2022 |
| SH | IPERVISOE | R'S SIGNATURE: BO | er | +2 Wall | Brent I Wa | lker | | | DATE: 12/15/2022 |

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806

| SECTION A: PERMIT VERIFICATION | |
|---|------------------|
| PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS | ØS □M □U □NA □NE |
| DETAILS: | |
| 1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE: | ☑Y □N □NA □NE |
| 2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES: | □Y □N ☑NA □NE |
| 3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: | ☑Y □N □NA □NE |
| 4. ALL DISCHARGES ARE PERMITTED: | ☑Y □N □NA □NE |
| | |
| SECTION B: RECORDKEEPING AND REPORTING EVALUATION | |
| RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT | ☑S □M □U □NA □NE |
| DETAILS: | |
| 1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS: | ☑Y □N □NA □NE |
| 2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE: | ⊠s □m □u □na □ne |
| a. DATES AND TIME(S) OF SAMPLING: | ⊠y □n □na □ne |
| b. EXACT LOCATION(S) OF SAMPLING: | ☑Y □N □NA □NE |
| c. NAME OF INDIVIDUAL PERFORMING SAMPLING: | ☑Y □N □NA □NE |
| d. ANALYTICAL METHODS AND TECHNIQUES: | ⊠y □n □na □ne |
| e. RESULTS OF CALIBRATIONS: | ☑Y □N □NA □NE |
| f. RESULTS OF ANALYSES: | ☑Y □N □NA □NE |
| g. DATES AND TIMES OF ANALYSES: | ☑Y ☐N ☐NA ☐NE |
| h. NAME OF PERSON(S) PERFORMING ANALYSES: | ☑Y □N □NA □NE |
| 3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE: | ☑S ☐M ☐U ☐NA ☐NE |
| 4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR: | ⊠S □M □U □NA □NE |
| 5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA: | ☑Y □N □NA □NE |
| | |
| SECTION C: OPERATIONS AND MAINTENANCE | |
| TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED | ⊠S □M □U □NA □NE |
| DETAILS: | |
| 1. TREATMENT UNITS PROPERLY OPERATED: | ☑S ☐M ☐U ☐NA ☐NE |
| 2. TREATMENT UNITS PROPERLY MAINTAINED: | ☑S ☐M ☐U ☐NA ☐NE |
| STANDBY POWER OR OTHER EQUIVALENT PROVIDED: 2 backup generators. Both generators will soon be replaced with redundant power circuits provided by Entergy. | ⊠s □m □u □na □ne |
| 4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE: | ⊠s □m □u □na □ne |
| 5. ALL NEEDED TREATMENT UNITS IN SERVICE: | ⊠s □m □u □na □ne |
| 6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED: | ⊠s □m □u □na □ne |
| 7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED: | ⊠s □m □u □na □ne |
| 8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: | □y □n □na ☑ne |
| 9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: | ☑Y □N □NA □NE |
| 10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED: | ☑Y □N □NA □NE |
| 11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: | ☑Y □N □NA □NE |
| 12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED: | ☑Y □N □NA □NE |
| 13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: | ☑Y □N □NA □NE |
| 14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT: | □Y ☑N □NA □NE |
| 15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT: | □Y □N ☑NA □NE |
| | |

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806

| SECTION D: SAMPLING | |
|---|------------------|
| PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS | ☑S □M □U □NA □NE |
| DETAILS: | |
| 1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT: Outfall 001 | Øy □n □na □ne |
| 2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES: | Øy □n □na □ne |
| 3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT: | Øy □n □na □ne |
| 4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT: | Øy □n □na □ne |
| 5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT: | Øy □n □na □ne |
| 6. SAMPLE COLLECTION PROCEDURES ADEQUATE: | Øy □n □na □ne |
| a. SAMPLES REFRIGERATED DURING COMPOSITING: | ØY □N □NA □NE |
| b. PROPER PRESERVATION TECHNIQUES USED: | ØY □N □NA □NE |
| c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136: | Øy □n □na □ne |
| 7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR: | Øy □n □na □ne |
| | |
| SECTION E: FLOW MEASUREMENT | |
| PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS | ☑S □M □U □NA □NE |
| DETAILS: | |
| PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: No primary measuring device. | flow Y N NA MINE |
| 2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED: | Øy □n □na □ne |
| 3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: | Øy □n □na □ne |
| 4. CALIBRATION FREQUENCY ADEQUATE: | ☑Y □N □NA □NE |
| 5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES: | ØY □N □NA □NE |
| 6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE: | Øy □n □na □ne |
| 7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE: | □Y □N □NA ☑NE |
| 8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES: | Øy □n □na □ne |
| 9. HEAD MEASURED AT PROPER LOCATION: | □y □n Øna □ne |
| | |
| SECTION F: LABORATORY | |
| PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS | ⊠S □M □U □NA □NE |
| DETAILS: | |
| 1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) : | Øy □n □na □ne |
| 2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED: | □Y □N ØNA □NE |
| 3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT: | ☑Y □N □NA □NE |
| 4. QUALITY CONTROL PROCEDURES ADEQUATE: | Øy □n □na □ne |
| 5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME: | Øy □n □na □ne |
| 6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME: | Øy □n □na □ne |
| 7. COMMERCIAL LABORATORY USED: | □Y ØN □NA □NE |
| a. LAB NAME: | |
| b. LAB ADDRESS: | |
| c. PARAMETERS PERFORMED: | |
| 8. BIOMONITORING PROCEDURES ADEQUATE: | ☑Y □N □NA □NE |
| a. PROPER ORGANISMS USED: Pimephales promelas & Ceriodaphnia dubia | ØY □N □NA □NE |
| b. PROPER DILUTION SERIES FOLLOWED: 9%, 12%, 16%, 21%, 28% | Øy □n □na □ne |
| c. PROPER TEST METHODS AND DURATION: | ØY □N □NA □NE |
| d. RETESTS AND/OR TRE PERFORMED AS REQUIRED: | Øy □n □na □ne |
| | |

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806

| SECTION G | : EFFLUENT/R | <u>'</u> | | <u> </u> | . 00-00403, 1 0111110 | <i>n.</i> 74110021000 | |
|--------------|---------------------|--------------------|---------------------|--------------------|-----------------------|-----------------------|------------|
| | N VISUAL OBS | | | | | ⊠S □M □ | IU □NA □NE |
| DETAILS: | | | | | l . | | |
| OUTFALL #: | OIL SHEEN | GREASE | TURBIDITY | VISIBLE FOAM | FLOATING SOLIDS | COLOR | OTHER |
| 001 | None | None | None | None | None | Clear | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | 1 | 1 | | | I |
| SECTION H | : SLUDGE DIS | POSAL | | | | | |
| SLUDGE D | DISPOSAL ME | ETS PERMIT I | REQUIREMEN | TS | | ØS □M □ | IU □NA □NE |
| DETAILS: | | | | | · | | |
| 1. SLUDGE M | IANAGEMENT ADEQU | ATE TO MAINTAIN EF | FLUENT QUALITY: | | | ⊠s □м | □U □NA □NE |
| 2. SLUDGE R | ECORDS MAINTAINED | AS REQUIRED BY 4 | 0 CFR 503: | | | □s □м | □u ☑na □ne |
| 3. FOR LAND | APPLIED SLUDGE, TY | PE OF LAND APPLIE | D TO: (E.G., FOREST | , AGRICULTURAL, PU | BLIC CONTACT SITE): | | |
| | | | | | | | |
| SECTION I: | SAMPLING IN | SPECTION PRO | OCEDURES | | | | |
| SAMPLE F | RESULTS WITH | HIN PERMIT R | EQUIREMENT | rs | | | IU ⊠NA □NE |
| DETAILS: | | | | | | | |
| 1. SAMPLES | OBTAINED THIS INSPI | ECTION: | | | | □Y | □N ☑NA □NE |
| 2. TYPE OF S | AMPLE: ☐GRAB: | □COMPOSITE: | METHOD: FREQUE | ENCY: | | | |
| 3. SAMPLES | PRESERVED: | | | | | □Y | □N ☑NA □NE |
| 4. FLOW PRO | PORTIONED SAMPLE | S OBTAINED: | | | | □Y | □N ☑NA □NE |
| 5. SAMPLE O | BTAINED FROM FACIL | LITY'S SAMPLING DE | VICE: | | | | □N ☑NA □NE |
| 6. SAMPLE R | EPRESENTATIVE OF | VOLUME AND NATUR | RE OF DISCHARGE: | | | □Y | □N ☑NA □NE |
| 7. SAMPLE S | PLIT WITH PERMITTEI | E: | | | | | □n ☑na □ne |
| 8. CHAIN-OF- | CUSTODY PROCEDU | RES EMPLOYED: | | | | | □N ☑NA □NE |
| 9. SAMPLES | COLLECTED IN ACCO | RDANCE WITH PERM | IIT: | | | □Y | □N ☑NA □NE |
| | | | | | | | |
| | : STORM WATI | | | | | | |
| | | | | QUIREMENTS | | | IU □NA ☑NE |
| | | | oosure exclusio | on (ARR000873) | . A No-Exposure | inspection was | not |
| | during this time | | PDATE: | | | ПУ | □n □na ☑ne |
| | INCLUDING ALL DISCH | | | | | | |
| | N PREVENTION TEAM | | OL WATERO. | | | | □N □NA ☑NE |
| | N PREVENTION TEAM | |) · | | | | □N □NA ☑NE |
| | OTENTIAL POLLUTANT | | J. | | | | □N □NA ☑NE |
| | OTENTIAL SOURCES A | | D LEAKS: | | | | |
| | STORM WATER DISCH | | | | | | □N □NA ☑NE |
| | RUCTURAL BMPS: | | | | | | □N □NA ☑NE |
| | ON-STRUCTURAL BMF | PS: | | | | | □N □NA ☑NE |
| | PERLY OPERATED A | | | | | | □N □NA ☑NE |
| | ONS CONDUCTED AS | | | | | | □N □NA ☑NE |
| | | ***** | | | | | |

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806 DMR Calculation Check

| Reporting Period: | From | 2022 | 3 | 1 | _ To | 2022 | 3 | 31 |
|-------------------|------|------|-------|-----|------|------|-------|-----|
| | | Year | Month | Day | | Year | Month | Day |
| Parameter Checked | : | TSS | | | | | | |

| | Loading Mass | | entration onthly |
|-------------------|-----------------|--------------|---------------------|
| | Mo. Avg Ibs/day | Mo. Avg mg/l | 7-day Avg mg/l |
| Reported Value: | 1,200.0 | 3.3 | 3.3 |
| Calculated Value: | 1,200.0 | 3.3 | 3.3 |
| Permit Value: | 9,007.0 | 30.0 | 45.0 |

If calculated value does not equal reported value, explain:

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806 DMR Calculation Check

| Reporting Period: | From | 2022 | 3 | 1 | _ To | 2022 | 3 | 31 |
|--------------------|------|------|-------|-----|------|------|-------|-----|
| | | Year | Month | Day | | Year | Month | Day |
| Parameter Checked: | | BOD | _ | | | | | |

| | Loading Mass | Concentration Monthly | | | | |
|-------------------|-----------------|--------------------------|----------------|--|--|--|
| | Mo. Avg Ibs/day | Mo. Avg mg/l | 7-day Avg mg/l | | | |
| Reported Value: | 1,769.0 | 5.97 | 5.97 | | | |
| Calculated Value: | 1,769.0 | 5.97 | 5.97 | | | |
| Permit Value: | 9,007.0 | 30.0 | 45.0 | | | |

If calculated value does not equal reported value, explain:

Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806

| Office of Water Quality Photographic Evidence Sheet | | | | | | | | | | | | |
|---|------------------|----|---------------|----------|-------|--|--|--|--|--|--|--|
| Location: Adams Field W | ater Reclamation | | | | | | | | | | | |
| Photographer: Blain San | ders Date | e: | June 16, 2022 | Time: | 13:13 | | | | | | | |
| Witness: | | | | Photo #: | 1 | | | | | | | |

Description: Mechanical bar screen.



Photographer:Blain SandersDate:June 16, 2022Time:13:15Witness:Photo #:2



| Office of Water Quality Photographic Evidence Sheet | | | | | | | | | | | | |
|---|------|--------------------------------|---------------------|-----------------------|-------------|--------|--|--|--|--|--|--|
| Location: | Ada | ıms Field Water Reclamatio | n | | | | | | | | | |
| Photograp | her: | Blain Sanders | Date: | June 16, 2022 | Time: | 13:15 | | | | | | |
| Witness: | | | | | Photo #: | 3 | | | | | | |
| Description | n. I | Orain pipe located in front of | f the preliminary t | reatment building lea | ads back in | to the | | | | | | |



| Photographer: Blain Sanders | Date: | June 16, 2022 | Time: | 13:32 |
|-----------------------------|-------|---------------|----------|-------|
| Witness: | | | Photo #: | 4 |

Description: View of the EQ basin.



| Office of Water Quality Photographic Evidence Sheet | | | | | | | | | | | |
|---|------------------------------|-------|---------------|----------|-------|--|--|--|--|--|--|
| Location: A | dams Field Water Reclamation | | | | | | | | | | |
| Photographe | : Blain Sanders | Date: | June 16, 2022 | Time: | 13:36 | | | | | | |
| Witness: | | | | Photo #: | 5 | | | | | | |

Description: Overview of the aeration basins.

O6.16.2022 13:36

Photographer: Blain Sanders Date: June 16, 2022 Time: 13:47
Witness: Photo #: 6

Description: View of the octagon structure; diverts wastewater from the aeration basin to the three clarifiers.



Inspection Report: Adams Field Water Reclamation , AFIN: 60-00409, Permit #: AR0021806 Office of Water Quality Photographic Evidence Sheet Location: Adams Field Water Reclamation Photographer: Blain Sanders Date: June 16, 2022 Time: 13:49 Witness: Photo #: Description: One of three clarifiers. Photographer: Blain Sanders Date: June 16, 2022 13:53 Time: Witness: Photo #: Description: Filtration.

06.16.2022 13:53

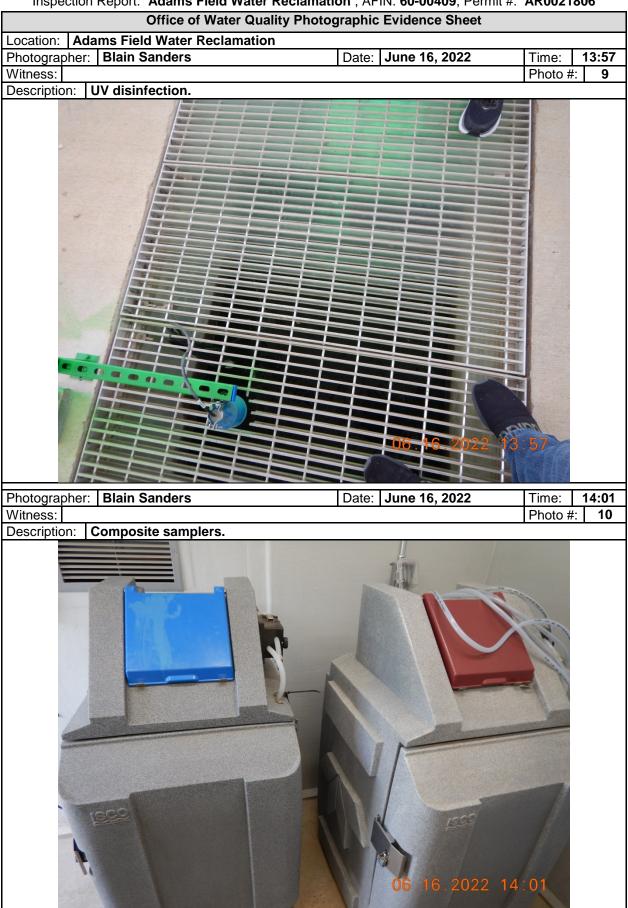


Figure 1: Google Earth image of the LRWRA Adams Field wastewater treatment facility.

Bar Screens & Preliminary Treatment

Gardiers

Google Earth

Google Earth