

# PCJWSA DAILY OBSERVATION REPORT

|                          |  |        |             |                     |            |                             |                      |
|--------------------------|--|--------|-------------|---------------------|------------|-----------------------------|----------------------|
| Job No.:                 | <u>276-3300-004</u>                                      | Phase: | <u>1403</u> | Task:               | <u>310</u> | Report                      | <u>320</u>           |
| Project:                 | <u>PCJWSA-WWTP Upgrade</u>                               |        |             |                     |            |                             |                      |
| Owner:                   | <u>PCJWSA, 34005 Cape Kiwanda Dr., Pacific City, OR.</u> |        |             |                     |            | Page                        | <u>1</u> of <u>3</u> |
| Contractor:              | <u>McClure &amp; Sons, Inc.</u>                          |        |             |                     |            | Date:                       | <u>4/8/19</u>        |
| Contractor's Rep./Title: | <u>Rob Bechtloff, Project Manager</u>                    |        |             |                     |            | Day:                        | <u>Monday</u>        |
| Weather A.M.             | <u>52, raining</u>                                       | °F     | P.M.        | <u>55, overcast</u> | °F         | Site Conditions:            | <u>0.84in rain</u>   |
|                          |  |        |             |                     |            | (Good) <b>(Fair)</b> (Poor) |                      |

Location and Type of Work: PCJWSA, Pacific City, Construction.

Number and Classification of Contractors, Men, and Equipment (include condition of equipment):

| MSI-# worker        | 11                                  |                  |                                     |                          | US West Elec     | 1                                   | Equipment          |                                     |
|---------------------|-------------------------------------|------------------|-------------------------------------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------|
| Justin Quimby       | <input checked="" type="checkbox"/> | Marty Stewart    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chris Bate       | <input type="checkbox"/>            | Excavator SK140SR  | <input checked="" type="checkbox"/> |
| James Hosley        | <input checked="" type="checkbox"/> | Chris Kowarko    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Jeremy Bate      | <input checked="" type="checkbox"/> | Skidsteer 287      | <input type="checkbox"/>            |
| Sam Velasco         | <input checked="" type="checkbox"/> | Jose Martinez    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | Mini-backhoe 305CR | <input checked="" type="checkbox"/> |
| Shane Hollingsworth | <input checked="" type="checkbox"/> | Mike Ternan      | <input type="checkbox"/>            | <input type="checkbox"/> |                  | <input type="checkbox"/>            | 40ton Crane        | <input type="checkbox"/>            |
| Matt Orton          | <input checked="" type="checkbox"/> | Zackery Clifford | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mini-backhoe 50c | <input type="checkbox"/>            | Rental Manlift     | <input checked="" type="checkbox"/> |
| Aaron Gookin        | <input checked="" type="checkbox"/> | Ken              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Forklift 5028    | <input checked="" type="checkbox"/> | Forklift TH844C    | <input checked="" type="checkbox"/> |

Work in Progress (include report of operations, materials received and condition, work start/stop time, and any unusual conditions):

- Completed backfilling side walk subgrade with rock.
- Installed waste activated sludge (WAS) piping and pump base in digester 4.
- Continuing to install solids room utility sink piping.
- Grout patching digester 5 interior walls.
- Completed backfilling and setting grade to headworks access road.
- Began the process of getting sequencing batch reactor (SBR) basin 2 online. Transferring sludge from basin 1 and started pumping water from flow equalization basin (FEB).

Deliveries; supplies, equipment:

NA

Testing/Inspection:

NA

Any Cause for Dispute, Change Orders, or Delays, and Reasons:

NA

Visitors:

Mike the Representative for Trojan (UV equipment) was onsite finalizing system programming and to conduct training on the equipment.

Notes:

Ingmar Saul

\_\_\_\_\_  
Signature



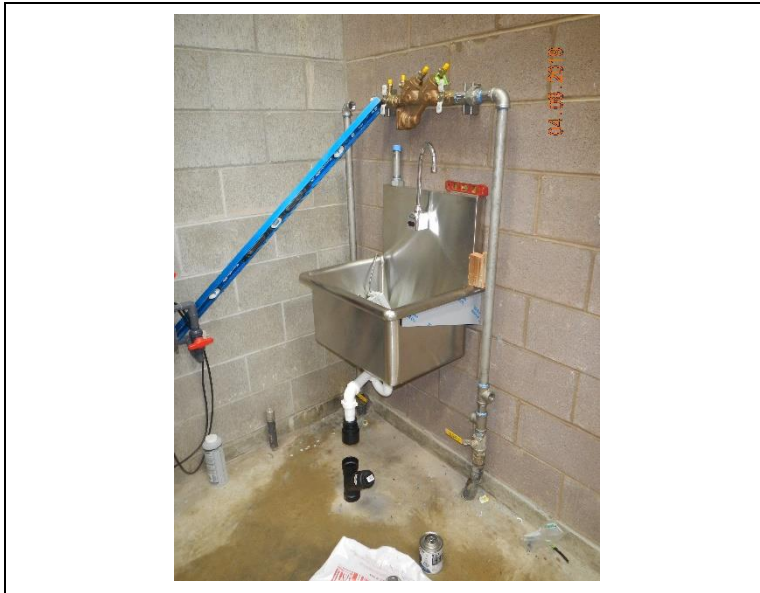
Completed backfilling sidewalk subgrade.



Installing aeration diffuser piping and WAS pump piping in digester 4.



Grout patching digester 5 walls.



Installing water piping for utility sink and eye wash in solids room.



Setting surface grade around headworks grit chamber.

## PCJWSA DAILY OBSERVATION REPORT

|                          |  |        |             |                         |            |                  |                             |
|--------------------------|--|--------|-------------|-------------------------|------------|------------------|-----------------------------|
| Job No.:                 | <u>276-3300-004</u>                                      | Phase: | <u>1403</u> | Task:                   | <u>310</u> | Report           | <u>321</u>                  |
| Project:                 | <u>PCJWSA-WWTP Upgrade</u>                               |        |             |                         |            |                  |                             |
| Owner:                   | <u>PCJWSA, 34005 Cape Kiwanda Dr., Pacific City, OR.</u> |        |             |                         |            | Page             | <u>1</u> of <u>3</u>        |
| Contractor:              | <u>McClure &amp; Sons, Inc.</u>                          |        |             |                         |            | Date:            | <u>4/9/19</u>               |
| Contractor's Rep./Title: | <u>Rob Bechtloff, Project Manager</u>                    |        |             |                         |            | Day:             | <u>Tuesday</u>              |
| Weather A.M.             | <u>49, overcast</u>                                      | °F     | P.M.        | <u>53, partly sunny</u> | °F         | Site Conditions: | <u>0.17in rain</u>          |
|                          |  |        |             |                         |            |                  | <u>(Good) (Fair) (Poor)</u> |

Location and Type of Work: PCJWSA, Pacific City, Construction.

Number and Classification of Contractors, Men, and Equipment (include condition of equipment):

|                     |                                     |                  |                                     |                          |                  |                                     |                    |                                     |
|---------------------|-------------------------------------|------------------|-------------------------------------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------|
| MSI-# worker        | 11                                  |                  |                                     |                          | US West Elec     | 1                                   | Equipment          |                                     |
| Justin Quimby       | <input checked="" type="checkbox"/> | Marty Stewart    | <input type="checkbox"/>            | <input type="checkbox"/> | Chris Bate       | <input type="checkbox"/>            | Excavator SK140SR  | <input checked="" type="checkbox"/> |
| James Hosley        | <input checked="" type="checkbox"/> | Chris Kowarko    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Jeremy Bate      | <input checked="" type="checkbox"/> | Skidsteer 287      | <input type="checkbox"/>            |
| Sam Velasco         | <input checked="" type="checkbox"/> | Jose Martinez    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | Mini-backhoe 305CR | <input checked="" type="checkbox"/> |
| Shane Hollingsworth | <input checked="" type="checkbox"/> | Mike Ternan      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | 40ton Crane        | <input checked="" type="checkbox"/> |
| Matt Orton          | <input checked="" type="checkbox"/> | Zackery Clifford | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mini-backhoe 50c | <input type="checkbox"/>            | Rental Manlift     | <input checked="" type="checkbox"/> |
| Aaron Gookin        | <input checked="" type="checkbox"/> | Ken              | <input checked="" type="checkbox"/> |                          | Forklift 5028    | <input checked="" type="checkbox"/> | Forklift TH844C    | <input checked="" type="checkbox"/> |

Work in Progress (include report of operations, materials received and condition, work start/stop time, and any unusual conditions):

- Poured concrete sidewalk next blower/electrical room.
- Poured flow equalization basin (FEB) pump by pass slab and northside stair land at the headworks.
- Set epoxy anchors bolts on the remaining solids equipment and pipe supports in the solids room, the air diffuser pipe supports and the pump base in digester 4.
- Continued grout patching digester 5 interior walls.
- Running electrical conduits in the lime room for the lime equipment.
- Plant operators were trained on the UV equipment.
- Sequencing batch reactor (SBR) basin 2 is up and running.
- Began mobing out equipment from the site.

Deliveries; supplies, equipment:

NA

Testing/Inspection:

Carlson Testing was onsite to oversee the concrete pour and collect cylinders and oversee the installation of epoxy anchor bolts.

Any Cause for Dispute, Change Orders, or Delays, and Reasons:

NA

Visitors:

Mike the Representative for Trojan (UV equipment) was onsite and completed system programming and conduct training with plant operators.

Notes:

Ingmar Saul

Signature



Pouring concrete for SBR sidewalk.



Pouring concrete for FEB bypass pump slab.



Setting epoxy anchor bolts for WAS pump base in digester 4.



Installing electrical conduits to the lime discharge unit and conveyor in the lime room.



Plant operators getting training on the UV equipment.

## PCJWSA DAILY OBSERVATION REPORT

|  |  |        |             |                    |            |                             |                      |
|--|--|--------|-------------|--------------------|------------|-----------------------------|----------------------|
| Job No.:   | <u>276-3300-004</u>                                      | Phase: | <u>1403</u> | Task:              | <u>310</u> | Report                      | <u>322</u>           |
| Project:   | <u>PCJWSA-WWTP Upgrade</u>                               |        |             |                    |            |                             |                      |
| Owner:   | <u>PCJWSA, 34005 Cape Kiwanda Dr., Pacific City, OR.</u> |        |             |                    |            | Page                        | <u>1</u> of <u>3</u> |
| Contractor:  | <u>McClure &amp; Sons, Inc.</u>                          |        |             |                    |            | Date:                       | <u>4/10/19</u>       |
| Contractor's Rep./Title:   | <u>Rob Bechtloff, Project Manager</u>                    |        |             |                    |            | Day:                        | <u>Wednesday</u>     |
| Weather A.M.   | <u>47, overcast</u>                                      | °F     | P.M.        | <u>51, raining</u> | °F         | Site Conditions:            | <u>0.47in rain</u>   |
|  |  |        |             |                    |            | (Good) <b>(Fair)</b> (Poor) |                      |
| Location and Type of Work: <u>PCJWSA, Pacific City, Construction.</u>                          |  |        |             |                    |            |                             |                      |
| Number and Classification of Contractors, Men, and Equipment (include condition of equipment): |  |        |             |                    |            |                             |                      |

|                     |                                     |                  |                                     |                          |                  |                                     |                    |                                     |
|---------------------|-------------------------------------|------------------|-------------------------------------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------|
| MSI-# worker        | 11                                  |                  |                                     |                          | US West Elec     | 2                                   | Equipment          |                                     |
| Justin Quimby       | <input checked="" type="checkbox"/> | Marty Stewart    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chris Bate       | <input checked="" type="checkbox"/> | Excavator SK140SR  | <input checked="" type="checkbox"/> |
| James Hosley        | <input checked="" type="checkbox"/> | Chris Kowarko    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Jeremy Bate      | <input checked="" type="checkbox"/> | Skidsteer 287      | <input type="checkbox"/>            |
| Sam Velasco         | <input checked="" type="checkbox"/> | Jose Martinez    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | Mini-backhoe 305CR | <input checked="" type="checkbox"/> |
| Shane Hollingsworth | <input checked="" type="checkbox"/> | Mike Ternan      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | 40ton Crane        | <input checked="" type="checkbox"/> |
| Matt Orton          | <input type="checkbox"/>            | Zackery Clifford | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mini-backhoe 50c | <input type="checkbox"/>            | Rental Manlift     | <input checked="" type="checkbox"/> |
| Aaron Gookin        | <input checked="" type="checkbox"/> | Ken              | <input checked="" type="checkbox"/> |                          | Forklift 5028    | <input checked="" type="checkbox"/> | Forklift TH844C    | <input checked="" type="checkbox"/> |

Work in Progress (include report of operations, materials received and condition, work start/stop time, and any unusual conditions):

- Installed digester sludge (DS) piping into lime tank.
- Began installing waste activated sludge (WAS), digester return (DR), and DS piping into digest 5.
- Installed air diffuser piping and supports into digester 5.
- Installing electrical conduits for the lime equipment in the lime room.
- Continuing to place subgrade rock for sequencing batch reactors (SBR) access road.
- Continued site cleanup and staging equipment for mobing off site.
- Completed grout patching digester 5 interior walls.
- Setting surface grade around headworks.

Deliveries; supplies, equipment:

NA

Testing/Inspection:

NA

Any Cause for Dispute, Change Orders, or Delays, and Reasons:

NA

Visitors:

NA

Notes:

Ingmar Saul

Signature



Installing the WAS, DR and DS piping into digester 5.



Installed the air diffuser piping and supports in digester 5.



Setting surface grade around the headworks.





Placing subgrade rock for SBR access road.



Preparing to pull wires from the solids control panel to the solids' equipment.

## PCJWSA DAILY OBSERVATION REPORT

|  |  |        |             |                 |            |                             |                      |
|--|--|--------|-------------|-----------------|------------|-----------------------------|----------------------|
| Job No.:   | <u>276-3300-004</u>                                      | Phase: | <u>1403</u> | Task:           | <u>310</u> | Report                      | <u>323</u>           |
| Project:   | <u>PCJWSA-WWTP Upgrade</u>                               |        |             |                 |            |                             |                      |
| Owner:   | <u>PCJWSA, 34005 Cape Kiwanda Dr., Pacific City, OR.</u> |        |             |                 |            | Page                        | <u>1</u> of <u>3</u> |
| Contractor:  | <u>McClure &amp; Sons, Inc.</u>                          |        |             |                 |            | Date:                       | <u>4/11/19</u>       |
| Contractor's Rep./Title:   | <u>Rob Bechtloff, Project Manager</u>                    |        |             |                 |            | Day:                        | <u>Thursday</u>      |
| Weather A.M.   | <u>49, rain</u>  | °F     | P.M.        | <u>52, rain</u> | °F         | Site Conditions:            | <u>0.63in rain</u>   |
|  |  |        |             |                 |            | (Good) <b>(Fair)</b> (Poor) |                      |
| Location and Type of Work: <u>PCJWSA, Pacific City, Construction.</u>                          |  |        |             |                 |            |                             |                      |
| Number and Classification of Contractors, Men, and Equipment (include condition of equipment): |  |        |             |                 |            |                             |                      |

|                     |                                     |                  |                                     |                          |                  |                                     |                    |                                     |
|---------------------|-------------------------------------|------------------|-------------------------------------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------|
| MSI-# worker        | 11                                  |                  |                                     |                          | US West Elec     | 2                                   | Equipment          |                                     |
| Justin Quimby       | <input checked="" type="checkbox"/> | Marty Stewart    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chris Bate       | <input checked="" type="checkbox"/> | Excavator SK140SR  | <input checked="" type="checkbox"/> |
| James Hosley        | <input checked="" type="checkbox"/> | Chris Kowarko    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Jeremy Bate      | <input checked="" type="checkbox"/> | Skidsteer 287      | <input type="checkbox"/>            |
| Sam Velasco         | <input checked="" type="checkbox"/> | Jose Martinez    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | Mini-backhoe 305CR | <input checked="" type="checkbox"/> |
| Shane Hollingsworth | <input checked="" type="checkbox"/> | Mike Ternan      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | 40ton Crane        | <input checked="" type="checkbox"/> |
| Matt Orton          | <input type="checkbox"/>            | Zackery Clifford | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mini-backhoe 50c | <input checked="" type="checkbox"/> | Rental Manlift     | <input checked="" type="checkbox"/> |
| Aaron Gookin        | <input checked="" type="checkbox"/> | Ken              | <input checked="" type="checkbox"/> |                          | Forklift 5028    | <input checked="" type="checkbox"/> | Forklift TH844C    | <input checked="" type="checkbox"/> |

Work in Progress (include report of operations, materials received and condition, work start/stop time, and any unusual conditions):

- Completed installing digester 5 air diffuser piping and supports.
- Installed digester 5 digester sludge (DS), digester return (DR), and DR/DS piping.
- Completed setting surface grade around headworks (except north side).
- Continued backfilling sequencing batch reactor (SBR) access road and setting subgrade
- Continued site cleanup and staging equipment for mobing off site.
- Setting surface grade around northwest corner SBR.
- Installing electrical conduits and pulling wires to lime and solids room equipment.

Deliveries; supplies, equipment:

NA

Testing/Inspection:

NA

Any Cause for Dispute, Change Orders, or Delays, and Reasons:

NA

Visitors:

NA

Notes:

Ingmar Saul

Signature



Installed the air diffuser piping in digester 5.



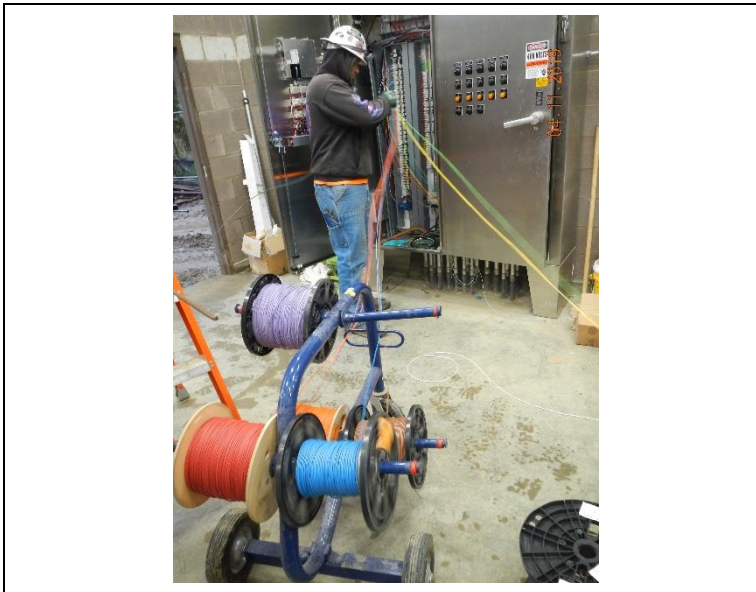
Installing the reuse water piping from the UV effluent channel to the valve vault.



backfilling SBR access road and setting subgrade.



Setting surface grade at the northwest corner of the SBR



Pulling wires from the solids control panel to solids equipment.

## PCJWSA DAILY OBSERVATION REPORT

|                          |  |        |             |                         |            |                             |                      |
|--------------------------|--|--------|-------------|-------------------------|------------|-----------------------------|----------------------|
| Job No.:                 | <u>276-3300-004</u>                                      | Phase: | <u>1403</u> | Task:                   | <u>310</u> | Report                      | <u>324</u>           |
| Project:                 | <u>PCJWSA-WWTP Upgrade</u>                               |        |             |                         |            |                             |                      |
| Owner:                   | <u>PCJWSA, 34005 Cape Kiwanda Dr., Pacific City, OR.</u> |        |             |                         |            | Page                        | <u>1</u> of <u>3</u> |
| Contractor:              | <u>McClure &amp; Sons, Inc.</u>                          |        |             |                         |            | Date:                       | <u>4/12/19</u>       |
| Contractor's Rep./Title: | <u>Rob Bechtloff, Project Manager</u>                    |        |             |                         |            | Day:                        | <u>Friday</u>        |
| Weather A.M.             | <u>48, overcast</u>                                      | °F     | P.M.        | <u>56, partly sunny</u> | °F         | Site Conditions:            | <u>0.04in rain</u>   |
|                          |  |        |             |                         |            | (Good) <b>(Fair)</b> (Poor) |                      |

Location and Type of Work: PCJWSA, Pacific City, Construction.

Number and Classification of Contractors, Men, and Equipment (include condition of equipment):

|                     |                                     |                  |                                     |                          |                  |                                     |                    |                                     |
|---------------------|-------------------------------------|------------------|-------------------------------------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------|
| MSI-# worker        | 8                                   |                  |                                     |                          | US West Elec     | 1                                   | Equipment          |                                     |
| Justin Quimby       | <input checked="" type="checkbox"/> | Marty Stewart    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chris Bate       | <input checked="" type="checkbox"/> | Excavator SK140SR  | <input checked="" type="checkbox"/> |
| James Hosley        | <input checked="" type="checkbox"/> | Chris Kowarko    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Jeremy Bate      | <input type="checkbox"/>            | Skidsteer 287      | <input type="checkbox"/>            |
| Sam Velasco         | <input checked="" type="checkbox"/> | Jose Martinez    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | Mini-backhoe 305CR | <input checked="" type="checkbox"/> |
| Shane Hollingsworth | <input type="checkbox"/>            | Mike Ternan      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                  | <input type="checkbox"/>            | 40ton Crane        | <input type="checkbox"/>            |
| Matt Orton          | <input type="checkbox"/>            | Zackery Clifford | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mini-backhoe 50c | <input type="checkbox"/>            | Choose an item.    | <input type="checkbox"/>            |
| Aaron Gookin        | <input type="checkbox"/>            | Ken              | <input type="checkbox"/>            |                          | Forklift 5028    | <input checked="" type="checkbox"/> | Forklift TH844C    | <input checked="" type="checkbox"/> |

Work in Progress (include report of operations, materials received and condition, work start/stop time, and any unusual conditions):

- Installing clean out covers and valve cover along the sequencing batch reactor (SBR) access road.
- Continued site cleanup and staging equipment for mobing off site.
- Set epoxy anchor bolts for digester 5 air diffuser piping supports.
- Collected compaction tests on the SBR access road subgrade, around the headworks backfill, and around the reuse water vaults subgrade.
- Terminating wires in the solids' equipment control panel.

Deliveries; supplies, equipment:

NA

Testing/Inspection:

Carlson Testing was onsite to collect backfill compaction tests and over see the installation of epoxy anchor bolts.

Any Cause for Dispute, Change Orders, or Delays, and Reasons:

NA

Visitors:

NA

Notes:

Ingmar Saul

Signature



Backfilling around the reuse water vaults.



Installed aluminum plates over the sludge wells on digesters 3&4.



Setting valve covers and clean out covers along the SBR access road.



Setting epoxy anchor bolts on digester 5 air diffuser piping supports.



Moving the equipment storage trailer and beginning to clean-up the site.