

DAILY CONSTRUCTION DIARY #31

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Tuesday Date: 8-2-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 1:00 pm, 2:30 pm Off-site Time: 1:30 pm, 8:30 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>69</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>86</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>92</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 12:00 pm Shift Finish Time: 9:00 pm
 Contractor's Supervisor: Andy Timmer
 Work Location/Station: 6010+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____
 Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____
 Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>2</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The contractor continued laying pipe despite wet conditions. In order to manage the water in the trench, a sump was excavated under each pipe. Trench conditions were too wet to backfill with a dozer, so the lead excavator would partially backfill each pipe as it was laid, and complete the backfill about every 100'. I informed Andy that Brent Wilkens was unhappy about the broken gate on the west side of his pasture, the broken up asphalt road through his property, and the open hole for the pumpout in the Boysen property (which he leases and pastures cattle). CONTINUED

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: Andy said he would fix the gate and finish/backfill the pumpout in the morning. I also informed Andy of complaints about cleanup along Hwy 2 and through Tule Creek. He sent his dozer back to do cleanup. While I was offsite, one of the workers was struck in the head by a pipe that slipped in the sling. When I arrived onsite he complained of dizziness and numbness and was driven to the doctor by a family member. The work day ended with the completion of the pumpout near station 6015+44

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

0258 - 0260: Wet Trench Conditions
0261 - 0264: Pumpout
0265 - 0266: Trench Conditions
0267: Pumpout
0268: Trench Conditions
0269 - 0278: Pumpout

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509



Diary No.: _____

Title

Date

Date: 8-3-11

(continued)

DAILY CONSTRUCTION DIARY #32

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Wednesday Date: 8-3-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 10:00 am Off-site Time: 4:00 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>55</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>87</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>92</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 8:00 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 6015+50

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>1</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The crew fixed the gate on Wilken's property and completed the pumpout and backfill on the Boysen property. Digging conditions were still wet and sandy, but by afternoon they had reached dry clay. The crew failed to set up their laser, and a grade check at station 257+60 revealed the pipe was approximately .80' too deep. I rechecked the grade at station 260+00, and the pipe was back within .10'. The contractor continued to hold grade from there forward. Safety continues to be a concern. CONTINUED

(Continued on Back)

RPR Initials: _____



Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #33

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Thursday Date: 8-4-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 9:00 am, 3:30 pm Off-site Time: 1:00 pm, 5:00 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>61</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>82</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>87</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 8:00 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 265+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>1</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The contractor is still in dry clay. At around station 270+60, the contractor switched to a regular rock bucket. He continued with this bucket through the end of the day. The injured worker has still not returned to work.

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor:

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

0293 -0294: Trench bottom and pipe using modified bucket

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509

RPR Signature	RPR Title	8-5-11 Date
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Diary No.: _____

Date: _____

(continued)



DAILY CONSTRUCTION DIARY #88 3-11

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Friday Date: 8-5-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 8:30 am, 11:30 am Off-site Time: 10:00 am, 4:00 pm

A) WEATHER:

Temperature	Condition	Precipitation:
Previous Overnight: <u>59</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>70</u>	7:00 a.m. to Noon: <u>Light Drizzle</u>	<u>.02"</u>
Noon to 6:00 p.m.: <u>70</u>	Noon to 6:00 p.m.: <u>Light Rain</u>	<u>.20"</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 Shift Finish Time: 7:30 pm
 Contractor's Supervisor: Andy Timmer
 Work Location/Station: 283+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____
 Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____
 Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>2</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The contractor continued using the rock bucket to station 280+00, when at that time he was advised that he either needed to use the modified bucket, or put more effort into compaction around the haunches of the pipe. The pipe grade remained true. The injured worker returned today wearing a neck brace. Andy mentioned that his directional drilling subcontractor would be on site Monday. Andy was unsure if there was fused 10" PVC for both the road crossing and the stream crossing. I told him that restrained joint PVC of the same size and class would suffice. CONTINUED

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: Andy wants to contact landowners further east on the project in order to coordinate pipe delivery.

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

Jeff Freetly from BOR visited the site around 9:00 am and reported a deficiency in the backfill compaction
0295: Pipe laid using modified bucket

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509

RPR Signature	RPR Title	8-5-11 Date
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Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #35

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Saturday Date: 8-6-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 9:30 am Off-site Time: 2:00 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>59</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>75</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>82</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 7:30 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 295+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>2</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The soil is still dry clay. Brent Wilkens called again with complaints about the gate towards the east end of the Boyesen property and about a limping cow. Wilkens, 2 workers from Wagner, and I drove out to examine the problem. Wagner's workers agreed to fix the gate and grade a smooth path to drive through the property. I told Wilkens that Dennis Wagner will be on site next Wednesday, and that I will try to arrange a meeting between them to discuss the condition of the cow and the old road bed.

(Continued on Back)

RPR Initials: _____

Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #36

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Sunday Date: 8-7-11
 Project Number: 803509 By: Travis Myers
 On-site Time: _____ Off-site Time: _____

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>59</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>81</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>89</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 7:30 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 305+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	_____	_____	_____	_____	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe	Support Backhoe	Compactors	Front-End Loader	Scrapers
_____	_____	_____	_____	_____
Dozer	Grader	Paver	Pumps	Generator
_____	_____	_____	_____	_____
Dump Truck	_____	_____	_____	_____
_____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The contractor installed 2 45° fittings and 2 Type 3 road crossings while I was offsite (Sunday). The fittings were left open for inspection and for blocking.

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor:

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509

RPR Signature _____ **RPR** _____ **Title** _____ **8-8-11** _____ **Date**

Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #37

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Monday Date: 8-8-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 8:00 am, 2:00 pm Off-site Time: 11:00 am, 2:30 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>59</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>63</u>	7:00 a.m. to Noon: <u>Mostly Cloudy</u>	<u>None</u>
Noon to 6:00 p.m.: <u>83</u>	Noon to 6:00 p.m.: <u>Partly Cloudy</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 7:30 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 315+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>1</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: When wrapping fittings on Sunday the contractor ran out of 8 mil poly and so substituted 6 mil poly. The contractor placed approximately 3 yards of 4000 PSI concrete behind each 45° fitting. Both fittings were about half submerged in water. The contractor blocked the south fitting as it was, but bailed most of the water from the trench of the north fitting. The contractor placed 1 load of gravel at the road crossing. Andy said he had about 580' of 9-11' overdepth between the second fitting and the gravel road. CONTINUED

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The directional drilling subcontractor is expected on site tomorrow.

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

0298 - 0305: Fittings and thrust blocks

0306 - 0309: Road

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____

2. _____

3. _____

4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509

RPR Signature	RPR	Title	8-9-11	Date
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Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #38

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Tuesday Date: 8-9-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 8:00 am, 1:00 pm Off-site Time: 11:30 am, 3:30 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>48</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>69</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>80</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 7:30 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 330+00

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>2</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: The contractor began installing the automatic ARV. Megalugs intended for PVC pipe were accidentally installed on the 4" ductile ARV piping, and needs to be corrected. Andy does not have the correct joint restraints, and will leave the excavation open until they can be replaced. The contractor began insulating the vault, but has not yet reached 4" thickness.

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor:

Subcontractor(s):

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

0310 - 0312: Tapping saddle for ARV
0313 - 0314: ARV vault grading and placement
0315 - 0316: ARV piping with incorrect joint restraint
0317: CAD welds
0318 - 0319: Incorrect joint restraint
0320: Vault partially insulated

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509



_____ RPR _____ 8-10-11 _____
Title Date

Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #39

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Wednesday Date: 8-10-11
 Project Number: 803509 By: Travis Myers
 On-site Time: 8:30 am, 6:00 pm Off-site Time: 9:30 am, 8:00 pm

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>59</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>73</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>83</u>	Noon to 6:00 p.m.: <u>Clear</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: 6:00 am Shift Finish Time: 8:00 pm

Contractor's Supervisor: Andy Timmer

Work Location/Station: 350+00

Subcontractor: Dakota Line Contractors Shift Start Time: 8:00 am Shift Finish Time: 5:00 pm

Work Location/Station: Poplar River Crossing

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>A. Timmer</u>	<u>1</u>	<u>2</u>	<u>2</u>	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe <u>345</u>	Support Backhoe _____	Compactors _____	Front-End Loader _____	Scrapers _____
Dozer <u>D6T</u>	Grader _____	Paver _____	Pumps _____	Generator _____
Dump Truck _____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: Wagner re-assembled the ARV piping with the correct joint restraints. Several CAD welds from the previous day were faulty and had to be redone. They finished insulating the barrel of the vault to 4" thick, and started backfilling. The backfill along the ARV lead piping was compacted using a jumping jack packer. Backfill was not completed on the vault, as the vault cover needs more insulation and the casting needs to be fastened to the vault cover. No concrete was yet placed around the vent piping. CONTINUED

(Continued on Back)

RPR Initials: _____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: Dennis Wagner, Andy, and I met with Brent Wilkens concerning the condition of the old road through his pasture and the lame cow. Dennis agreed to remove and haul offsite the asphalt from the roadbed from the corral to the property line to the east. Wagner will then level the roadbed through that area. Wagner will pay market price for the cow if she does not get better.

Subcontractor(s): Dakota Line started the Poplar River crossing without notifying DGR. After boring their pilot hole, they called DGR to verify that the work was correct. The machine was set too close to the river, resulting in a 530' bore instead of an 860' crossing as shown on the plans. Bruce Jennings and Travis Myers from DGR verified the depths in the field, and DGR office staff verified that pipe was installed deep enough and that the pipe was not over-deflected. The contractor was instructed to daylight approximated 150-180' of fused bore pipe on either side of the crossing for Wagner to install with open trench methods.

E) ENGINEERING ACTIVITY:

F) OTHER COMMENTS: (Visitors/Photographs, etc.)

0321: Proper joint restraint installed on ARV piping
0322 - 0223: CAD welds on ARV piping
0324 - 0326: ARV vault insulation prior to backfilling
0327: ARV assembly prior to backfilling
0328 - 0330: Compacting around ARV piping
0331: Initial backfilling of ARV excavation

G) ACTION ITEMS OR OUT-OF-SCOPE ITEMS: (eg, Extra Work, Force Account Work)

H) ATTACHMENTS: (eg, Quantities, Stored Materials)

1. _____
2. _____
3. _____
4. _____

Project Name: ARRA WTP To Poplar Mainline Project

Project Number: 803509



Title

Date

Diary No.: _____

Date: _____

(continued)

DAILY CONSTRUCTION DIARY #40

Project Name: ARRA WTP To Poplar Mainline Project Day of Week: Thursday Date: 8-11-1
 Project Number: 803509 By: Travis Myers
 On-site Time: _____ Off-site Time: _____

A) WEATHER:

<u>Temperature</u>	<u>Condition</u>	<u>Precipitation:</u>
Previous Overnight: <u>60</u>	Previous Overnight: <u>Clear</u>	<u>None</u>
7:00 a.m. to Noon: <u>75</u>	7:00 a.m. to Noon: <u>Clear</u>	<u>None</u>
Noon to 6:00 p.m.: <u>83</u>	Noon to 6:00 p.m.: <u>Cloudy</u>	<u>None</u>

Affect on Construction: _____

B) CONTRACTOR OPERATION:

Prime Contractor: Wagner Construction Shift Start Time: N/A Shift Finish Time: N/A

Contractor's Supervisor: Andy Timmer

Work Location/Station: _____

Subcontractor: Dakota Line Contracting Shift Start Time: 8:00 am Shift Finish Time: 5:30 pm

Work Location/Station: Poplar River Crossing

Subcontractor: _____ Shift Start Time: _____ Shift Finish Time: _____

Work Location/Station: _____

Contract Time: Day _____ of _____ (Calendar/Work) Days

Number of Personnel and Hours

	Superintendent	Foreman	Operators	Skilled Labor	Labor	Other	Other
Crew #1	_____	<u>Dusty</u>	_____	<u>2</u>	_____	_____	_____
Crew #2	_____	_____	_____	_____	_____	_____	_____
Subcontractor #1	_____	_____	_____	_____	_____	_____	_____
Subcontractor #2	_____	_____	_____	_____	_____	_____	_____

C) EQUIPMENT (model/hours):

Primary Backhoe	Support Backhoe	Compactors	Front-End Loader	Scrapers
_____	_____	_____	_____	_____
Dozer	Grader	Paver	Pumps	Generator
_____	_____	_____	_____	_____
Dump Truck	_____	_____	_____	_____
_____	_____	_____	_____	_____

D) CONSTRUCTION ACTIVITY:

Prime Contractor: None

(Continued on Back)

RPR Initials: _____

Diary No.: _____

Date: _____

(continued)