

PENTZIEN, INC.
DAKOTA GASIFICATION COMPANY
DAILY PROGRESS REPORT

PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-10-07</u>
DAY NUMBER:	<u>64</u>	DAYS TO COMPLETION:	<u>51</u>
WEATHER:	<u>Partly Cloudy & Cool</u>	TEMPERATURE:	<u>62</u>

<u>PROJECT PHASE</u>	<u>EST. DAYS</u>	<u>ACT. DAYS</u>	<u>% COMP</u>	<u>PER-CENT COMPLETE</u>				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	██████████████████				
Remove Buoys	2							
Excavate Land Trench	3							
Backfill Marine Trench	13							
Lay out, Test, Dewater and Dry Pipeline	15							
Tie-in Both Sides	2							
Take up & haul Existing Pipeline	17							
Restore North & South Banks	4							
Demobilize Equipment & Personnel	30							

NOTES: Yoked pull machine on right bank to 3900 barge with pull machine in river and put strain on pipe string in river. Installed 22 straw bales. Total to date 56 bales. Lake stage 1814.3.

BY: _____	BY: _____
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DAILY PROGRESS REPORT

PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-11-07</u>
DAY NUMBER:	<u>65</u>	DAYS TO COMPLETION:	<u>50</u>
WEATHER:	<u>Partly Cloudy & Cool</u>	TEMPERATURE:	<u>64</u>

<u>PROJECT PHASE</u>	<u>EST. DAYS</u>	<u>ACT. DAYS</u>	<u>% COMP</u>	<u>PER-CENT COMPLETE</u>				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	██████████				
Remove Buoys	2							
Excavate Land Trench	3							
Backfill Marine Trench	13							
Lay out, Test, Dewater and Dry Pipeline	15							
Tie-in Both Sides	2							
Take up & haul Existing Pipeline	17							
Restore North & South Banks	4							
Demobilize Equipment & Personnel	30							

NOTES: Divers installed 6 slings beginning at the pull head at 300 foot average intervals. Lake stage 1814.3. _____

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DAILY PROGRESS REPORT

PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-12-07</u>
DAY NUMBER:	<u>66</u>	DAYS TO COMPLETION:	<u>49</u>
WEATHER:	<u>Partly Cloudy & Cool</u>	TEMPERATURE:	<u>65</u>

<u>PROJECT PHASE</u>	<u>EST. DAYS</u>	<u>ACT. DAYS</u>	<u>% COMP</u>	<u>PER-CENT COMPLETE</u>				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	██████████				
Remove Buoys	2							
Excavate Land Trench	3							
Backfill Marine Trench	13							
Lay out, Test, Dewater and Dry Pipeline	15							
Tie-in Both Sides	2							
Take up & haul Existing Pipeline	17							
Restore North & South Banks	4							
Demobilize Equipment & Personnel	30							

NOTES: Installed cattle guard for Krenz. Welders making buoys to put on pipe. Removed cable from pulling machine on south bank. Divers installed 7 slings at 300 foot average intervals. Lake stage 1814.1.

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**PENTZIEN, INC.
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DAILY PROGRESS REPORT**

PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-13-07</u>
DAY NUMBER:	<u>67</u>	DAYS TO COMPLETION:	<u>48</u>
WEATHER:	<u>Partly Cloudy & Cool, Wind NW 20 to 30</u>	TEMPERATURE:	<u>62</u>

PROJECT PHASE	EST. DAYS	ACT. DAYS	% COMP	PER-CENT COMPLETE				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	████████████████████				
Remove Buoys	2			████████████████████				
Excavate Land Trench	3			████████████████████				
Backfill Marine Trench	13			████████████████████				
Lay out, Test, Dewater and Dry Pipeline	15			████████████████████				
Tie-in Both Sides	2			████████████████████				
Take up & haul Existing Pipeline	17			████████████████████				
Restore North & South Banks	4			████████████████████				
Demobilize Equipment & Personnel	30			████████████████████				

NOTES: Welders making buoys to put on pipe. Divers installed 3 slings at 300 foot average intervals. Ran cable from south shore to 3900 barge 2200 feet out in lake. Lake stage 1814.5.

BY: _____
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DAILY PROGRESS REPORT**

PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-14-07</u>
DAY NUMBER:	<u>68</u>	DAYS TO COMPLETION:	<u>47</u>
WEATHER:	<u>Partly Cloudy & Cool</u>	TEMPERATURE:	<u>65</u>

<u>PROJECT PHASE</u>	<u>EST. DAYS</u>	<u>ACT. DAYS</u>	<u>% COMP</u>	<u>PER-CENT COMPLETE</u>				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	████████████████████				
Remove Buoys	2			████████████████████				
Excavate Land Trench	3			████████████████████				
Backfill Marine Trench	13			████████████████████				
Lay out, Test, Dewater and Dry Pipeline	15			████████████████████				
Tie-in Both Sides	2			████████████████████				
Take up & haul Existing Pipeline	17			████████████████████				
Restore North & South Banks	4			████████████████████				
Demobilize Equipment & Personnel	30			████████████████████				

NOTES: Install new pull cable on pulling machine and rig to pull pipe (7AM to 5PM). Welders begin pipe fabrication of north bank tie- in section. Uncover existing pipeline at tie-in location. Lake stage 1814.3.

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PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-15-07</u>
DAY NUMBER:	<u>69</u>	DAYS TO COMPLETION:	<u>46</u>
WEATHER:	<u>Sunny Warm & Calm</u>	TEMPERATURE:	<u>75</u>

PROJECT PHASE	EST. DAYS	ACT. DAYS	% COMP	PER-CENT COMPLETE				
				0	25	50	75	100
Perform Pre-Construction Survey	5	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	4	60	██████████████████				
Remove Buoys	2			██████████████████				
Excavate Land Trench	3			██████████████████				
Backfill Marine Trench	13			██████████████████				
Lay out, Test, Dewater and Dry Pipeline	15			██████████████████				
Tie-in Both Sides	2			██████████████████				
Take up & haul Existing Pipeline	17			██████████████████				
Restore North & South Banks	4			██████████████████				
Demobilize Equipment & Personnel	30			██████████████████				

NOTES: Re-aligned pull cables and resumed pulling the pipeline. Periodic soundings and top of pipe probes were made to monitor the horizontal and vertical alignment. Lake stage 1814.0.

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PROJECT:	<u>LAKE SAKAKAWEA CROSSING</u>	DATE:	<u>9-16-07</u>
DAY NUMBER:	<u>70</u>	DAYS TO COMPLETION:	<u>45</u>
WEATHER:	<u>Sunny Warm & Calm</u>	TEMPERATURE:	<u>80</u>

PROJECT PHASE	EST. DAYS	ACT. DAYS	% COMP	PER-CENT COMPLETE				
				0	25	50	75	100
Perform Pre-Construction Survey	6	6	100	████████████████████				
Mobilize Equipment & Personnel	22	29	100	████████████████████				
Establish Field Office	6	6	100	████████████████████				
Prepare Worksite & Initial Setup	15	20	100	████████████████████				
Unload Pipe on-site	6	9	100	████████████████████				
Concrete Coat Pipe	26	20	100	████████████████████				
Excavate Flotation	6	4	100	████████████████████				
Set up Barges	6	9	100	████████████████████				
Excavate Marine Trench	25	21	100	████████████████████				
String Pipe	4	21	100	████████████████████				
Welder Qualification	2	2	100	████████████████████				
Weld & Pre-test Pipe Sections	25	21	100	████████████████████				
Weld Pull Head, Rig Pull Machine	1	3	100	████████████████████				
Pull Pipe	4	13	80	██████████████████				
Remove Buoys	2			▢▢▢▢▢▢▢▢▢▢				
Excavate Land Trench	3			▢▢▢▢▢▢▢▢▢▢				
Backfill Marine Trench	13			▢▢▢▢▢▢▢▢▢▢				
Lay out, Test, Dewater and Dry Pipeline	15			▢▢▢▢▢▢▢▢▢▢				
Tie-in Both Sides	2			▢▢▢▢▢▢▢▢▢▢				
Take up & haul Existing Pipeline	17			▢▢▢▢▢▢▢▢▢▢				
Restore North & South Banks	4			▢▢▢▢▢▢▢▢▢▢				
Demobilize Equipment & Personnel	30			▢▢▢▢▢▢▢▢▢▢				

NOTES: Resumed pulling pipe into excavated trench from North shore toward South shore. Pulled down section 7, Welded in place, X-Rayed. Applied coating to and pulled down section 8. Lake stage 1814.1.

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