

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Thursday, May 02, 2013 9:02 AM
To: dave.kubeczko@state.co.us
Subject: FW: Divide Road Water Facility - Phased Construction Plan
Attachments: image004.emz

Categories: Operator Correspondence

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From: Oates, Jason C. <Jason.Oates@encana.com>
Date: Mon, Apr 15, 2013 at 11:55 AM
Subject: Divide Road Water Facility - Phased Construction Plan
To: "Greg Deranleau (greg.deranleau@state.co.us)" <greg.deranleau@state.co.us>
Cc: "Carter, Julia M" <Julia.Carter@encana.com>

Divide Road Water Facility

Encana is planning the installation of the Divide Road Water Facility (DRWF) in a phased approach. This approach will ensure the utilization of the facility will begin as soon as possible, maximizing the water Encana is able to reuse in its operations and expedite the closure of several pits.

Encana intends to start this project as soon as all of the regulatory permits are approved. A variance to Rule 908.b has been requested. If this variance is approved, Encana's planned start date on the DRWF project is May 16, 2013.

Phase 1 of the DRWF includes the initial clearing of the site, installation of Tank #1, and the installation of the ancillary equipment to run Tanks 1-3. This phase ends with the commissioning and start-up of the DRWF. The projected end of Phase 1 is January 26, 2014.

Phase 2 officially begins with construction beginning on the 2nd Tank on October 9, 2013. Phase 1 and 2 run concurrently until after Phase 1 ends on January 26, 2014. Phase 2 will continue from January 26th until completion on June 16, 2014.

The final phase, Phase 3, is currently not scheduled. Phase 1 and 2 are designed to handle the predicted water volumes for Encana's developments through 2016. Encana's intent is to complete Phase 3 when it becomes necessary for operations.

Task	Start	End	Duration
Phase 1			
Ground Prep			
Rough Grading and Earthwork	16-May-13	12-Jul-13	8 weeks
Form and Pour Foundations	9-Jun-13	1-Sep-13	12 weeks
Tank # 1 Construction			
Tank Crews Mobilize	28-Jun-13	30-Jun-13	2 days
Construct 1st 206,000 BBL Tank	30-Jun-13	8-Oct-13	14 weeks
Construct 1st 20,000 BBL Tank	30-Jun-13	8-Oct-13	14 weeks
Tank Crews Shifts to Constructing Tank #2	8-Oct-13	9-Oct-13	2 days
Ancillary Equipment Installation			
Installation of Station Piping	16-Jul-13	6-Dec-13	20 weeks
Installation of cable tray / cables	8-Aug-13	16-Dec-13	18 weeks
Installation of Inlet separators	18-Aug-13	19-Aug-13	4 days
Installation of VRU and combustor	19-Aug-13	21-Aug-13	3 days
Installation of the fuel gas conditioning skid	21-Aug-13	24-Aug-13	3 days
Installation of Injection pumps and building	26-Aug-13	20-Oct-13	8 weeks
Installation of office / control room	1-Sep-13	30-Sep-13	4 weeks
Installation of sludge tanks (8)	26-Aug-13	9-Sep-13	2 weeks
Installation of the first 4 elec. generators and building	30-Sep-13	20-Nov-13	7 weeks
Installation of booster pumps and building	21-Oct-13	4-Nov-13	2 weeks
Installation of truck loading / off-load	4-Nov-13	25-Dec-13	7 weeks
Installation of PDC building and switchgear	16-Nov-13	7-Jan-14	8 weeks
Installation of condensate storage tanks (4)	20-Nov-13	6-Dec-13	2 weeks
Installation of electrical generators 6 & 8	20-Nov-13	20-Dec-13	4 weeks
Commissioning and Start-up Phase 1	11-Jan-14	26-Jan-14	2 weeks
Phase 2			
Tank # 2 Construction			
Tank Crews Mobilize	9-Oct-13	10-Oct-13	2 days
Construct 2nd 20,000 BBL Tank	10-Oct-13	3-Mar-14	22 weeks
Construct 2nd 206,000 BBL Tank	10-Oct-13	3-Mar-14	22 weeks
Demobilize Tank Crews	3-Mar-14	6-Mar-14	2 days
Ancillary Equipment Installation			
Install DAF building	10-Nov-13	4-Jan-14	8 weeks
Install DAF system	27-Jan-14	10-Mar-14	6 weeks
Final Grading & Clean-up	30-Mar-14	26-Apr-14	4 weeks
Painting	30-Apr-14	16-Jun-14	7 weeks

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