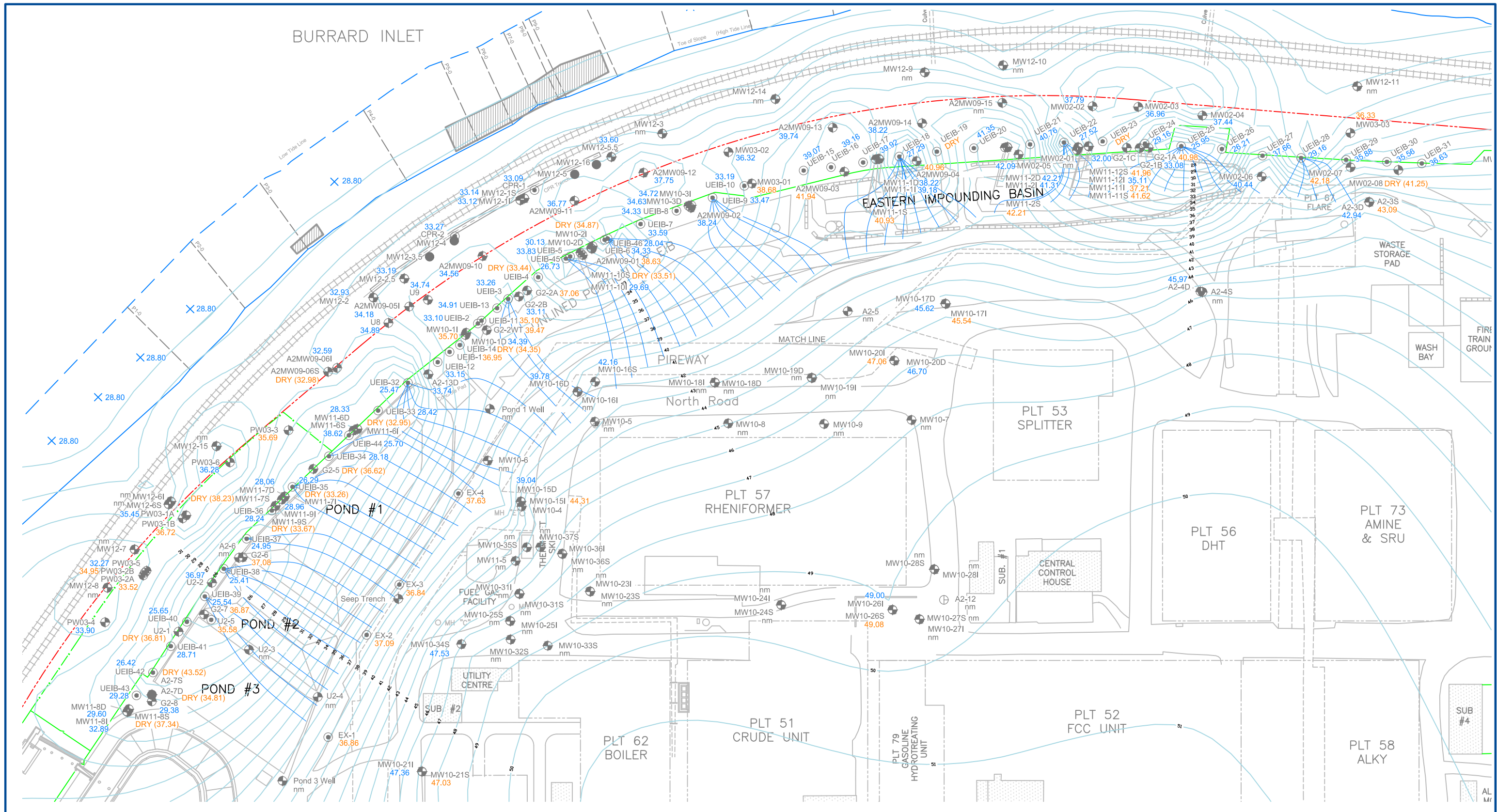




LEGEND:

Property Line

Fence Line

Foreshore Sampling Transect

Monitoring Well

Borehole

Extraction Well

Groundwater Flow

Groundwater Contour (m)
March 22/23/30/31, 2016
(Interval 1.0 metres)

Groundwater Elevation (m)
March 22/23/31, 2016

Groundwater Elevation (m)
March 22/23/31, 2016
not used to extrapolate contours

Mean Tide Elevation Point

Well Not Monitored nm

NOTE: UEIB groundwater elevations taken
March 29/30, 2016

Wells indicated as dry show a bottom of well
elevation in brackets.

GRID NORTH

W

E

N

S

metres

0

20

40

AECOM

FILE NAME: H:\URS-CHEVRON\60486755_2016 PMP\5. Deliverables\2015 and 2016 MPE PMP PES Report\Figures\C05 GW Elev Mar 2016.dwg

PERIMETER EXTRACTION SYSTEM

GROUNDWATER ELEVATIONS AND CONTOURS -

MARCH 2016

The 2015 and 2016 Perimeter Monitoring Program and Perimeter Extraction System
Chevron Burnaby Refinery, Burnaby, BC

CHEVRON CANADA LIMITED

DATE:

PROJECT NO.:

DRAWN BY:

REVISION NO.:

DRAWING NO.:

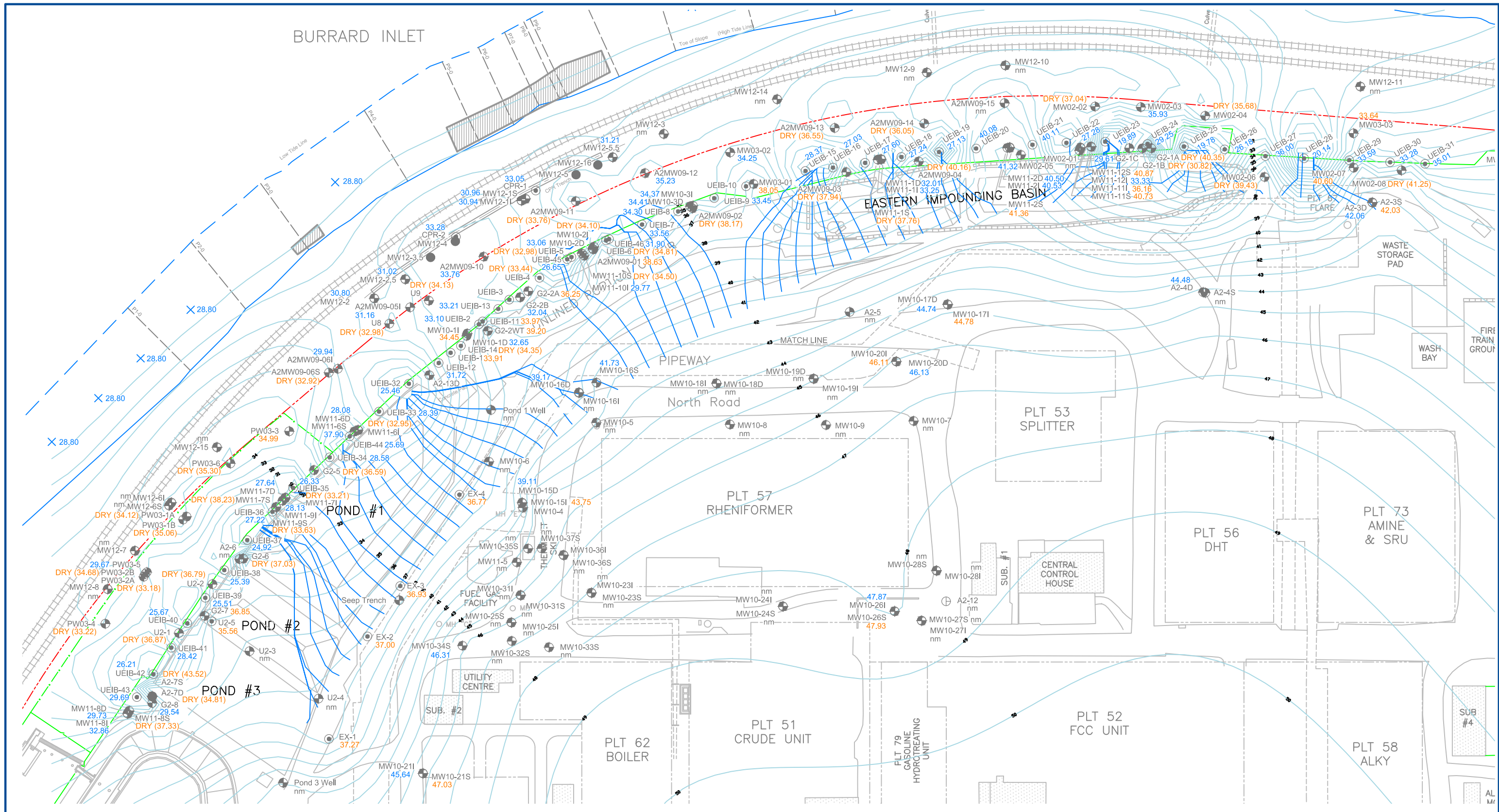
June 2017

60486755

TS

0

FIGURE C-5



LEGEND:

Property Line	---	Monitoring Well	⊕	Groundwater Contour (m) March 22/23/30/31, 2016 (Interval 1.0 metres)		Well Not Monitored	nm
Fence Line	✕	Borehole	●	Groundwater Elevation (m) May 24 to June 9, 2016	32.49	NOTE: UEIB groundwater elevations taken June 8/9, 2016	
Foreshore Sampling Transect	- - -	Extraction Well	⊙	Groundwater Elevation (m) May 24 to June 9, 2016 not used to extrapolate contours	40.14	Wells indicated as dry show a bottom of well elevation in brackets.	
		Groundwater Flow		Mean Tide Elevation Point	✕		

GRID NORTH

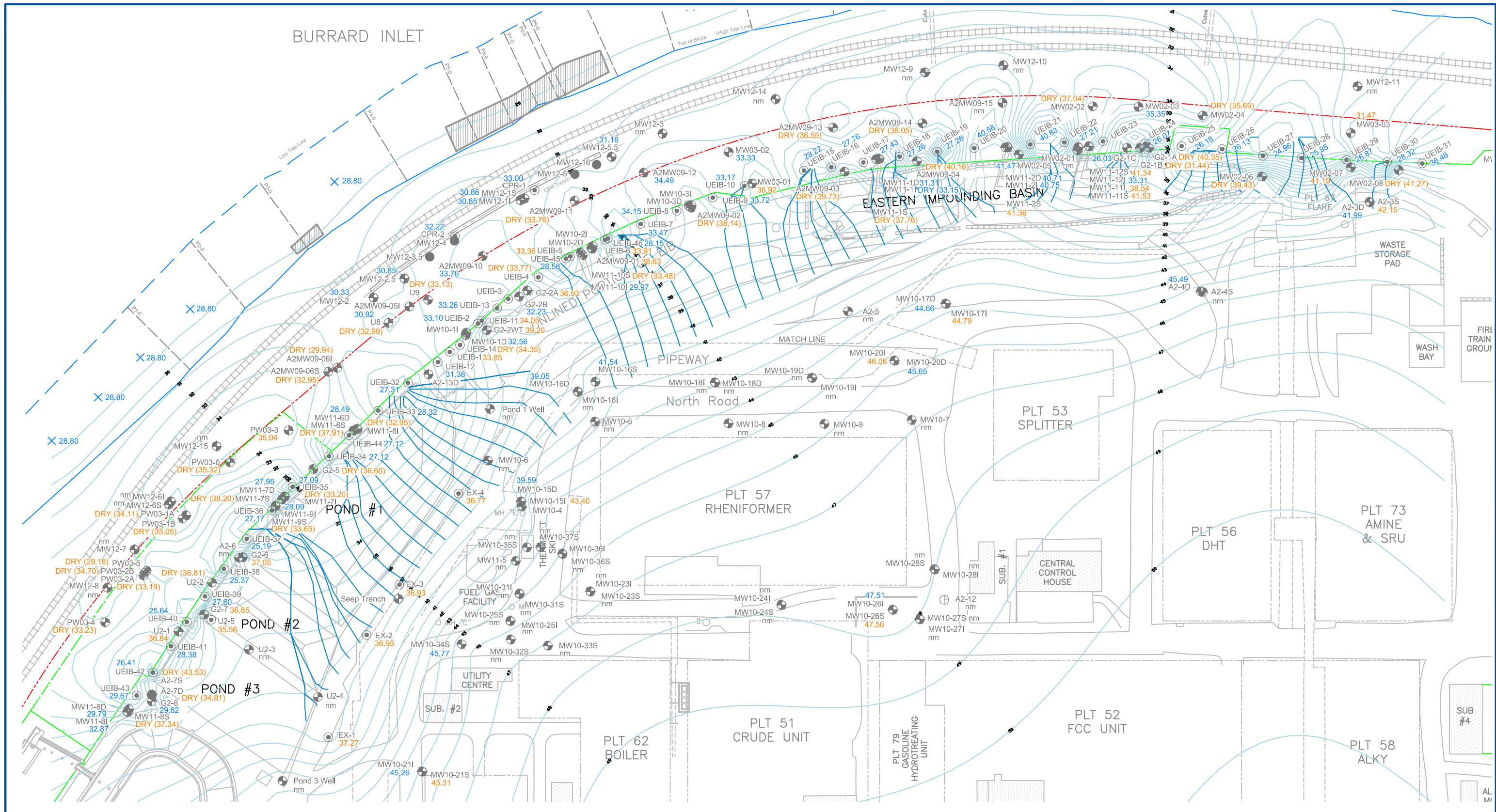
metres
0 20 40

**PERIMETER EXTRACTION SYSTEM
GROUNDWATER ELEVATIONS AND CONTOURS -
MAY 24 TO JUNE 9, 2016**

The 2015 and 2016 Perimeter Monitoring Program and Perimeter Extraction System
Chevron Burnaby Refinery, Burnaby, BC

CHEVRON CANADA LIMITED

DATE:	PROJECT NO.:	DRAWN BY:	REVISION NO.:	DRAWING NO.:
June 2017	60486755	TS	0	FIGURE C-6



LEGEND:

Property Line

Fence Line

Foreshore Sampling Transect

Monitoring Well

Borehole

Extraction Well

Groundwater Flow

Groundwater Contour (m)
August 18-31, 2016
(Interval 1.0 metres)

Groundwater Elevation (m)
August 18-31, 2016

Groundwater Elevation (m)
August 18-31, 2016
not used to extrapolate contours

Mean Tide Elevation Point

Well Not Monitored nm

NOTE: UEIB groundwater elevations taken
August 29-31, 2016

Wells indicated as dry show a bottom of well
elevation in brackets.

GRID NORTH

W

E

S

N

metres

0

20

40

AECOM

FILE NAME: H:\URS-CHEVRON\60486755_2016 PMP\5. Deliverables\2015 and 2016 MOE PMP PES Report\Figures\C07 GW Elev Aug 2016.dwg

PERIMETER EXTRACTION SYSTEM

GROUNDWATER ELEVATIONS AND CONTOURS -

AUGUST 18-31, 2016

The 2016 Perimeter Extraction System and Perimeter Monitoring Program
Area 2 - Chevron Refinery, Burnaby, BC

CHEVRON CANADA LIMITED

DATE:

PROJECT NO.:

DRAWN BY:

REVISION NO.:

DRAWING NO.:

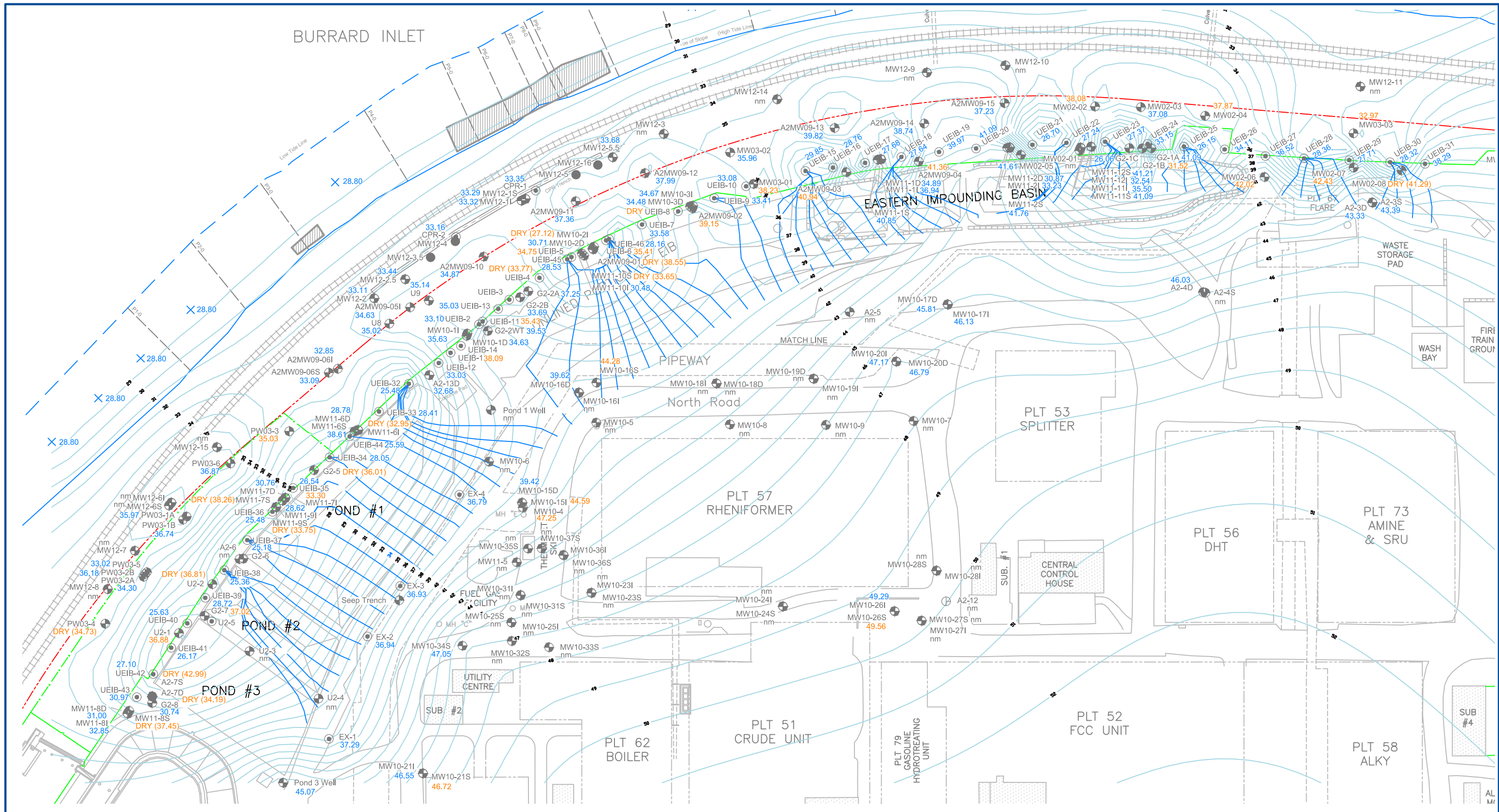
June 2017

60486755

TS

0

FIGURE C-7



LEGEND:

Property Line	---	Monitoring Well	⊕	Groundwater Contour (m)	---	Well Not Monitored	nm
Fence Line	✕---	Borehole	●	August 18-31, 2016			
Foreshore Sampling Transect	---	Extraction Well	⊙	Groundwater Elevation (m)	32.49		
		Groundwater Flow	→	November 7, 8 and 10, 2016	40.14		
				Groundwater Elevation (m)			
				November 7, 8 and 10, 2016			
				not used to extrapolate contours			
				Mean Tide Elevation Point	✕		

NOTE: UEIB groundwater elevations taken November 14, 16 and 17, 2016

Wells indicated as dry show a bottom of well elevation in brackets.

GRID NORTH

metres

FILE NAME: H:\URS-CHEVRON\60486755_2016 PMP\5. Deliverables\2015 and 2016 MPE PMP PES Report\Figures\C08 GW Elev Nov 2016.dwg

PERIMETER EXTRACTION SYSTEM

GROUNDWATER ELEVATIONS AND CONTOURS -

NOVEMBER 7, 8, 10, 14, 16 AND 17, 2016

The 2015 and 2016 Perimeter Monitoring Program and Perimeter Extraction System
Chevron Burnaby Refinery, Burnaby, BC

CHEVRON CANADA LIMITED

DATE:	PROJECT NO.:	DRAWN BY:	REVISION NO.:	DRAWING NO.:
June 2017	60486755	TS	0	FIGURE C-8