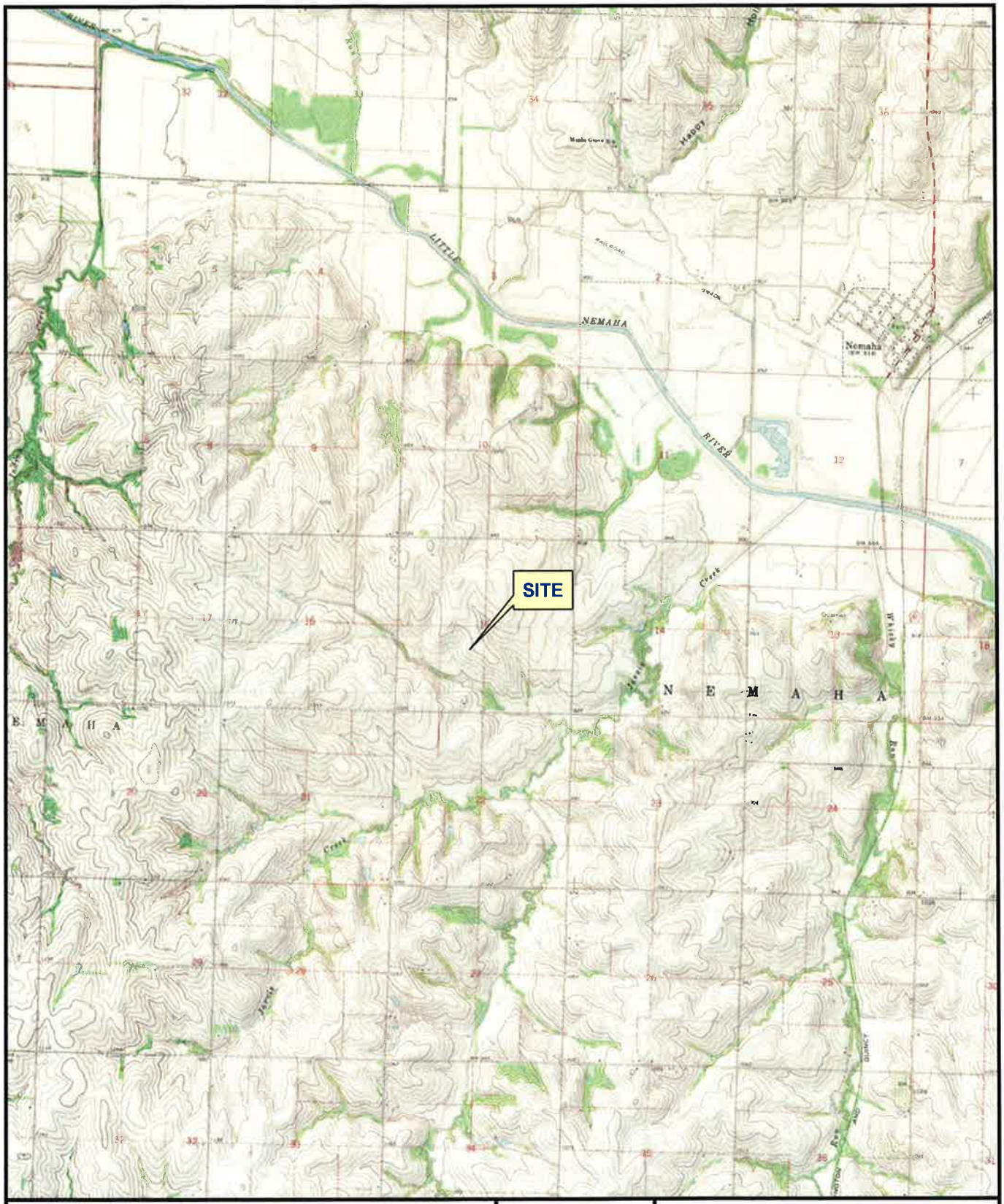
QUESTION #10

ATTACHMENT #7



4,000 0 4,000

SCALE IN FEET

N

Burns & McDonnell
SINCE 1898

Figure 1

TOPOGRAPHIC MAP

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig1_Topographic_Map_MP110.mxd sos Feb 22, 2012

NOTE:

PIPELINE LOCATIONS DEPICT EXTENT SURVEYED IN THE FIELD.

1,000 0 1,000

SCALE IN FEET

N

Burns & McDonnell
SINCE 1898

Figure 2

SITE MAP

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig2_Site_Map_MP110.mxd sos May 15, 2012

LEGEND

Underflow Dam

450 0 450

SCALE IN FEET

N

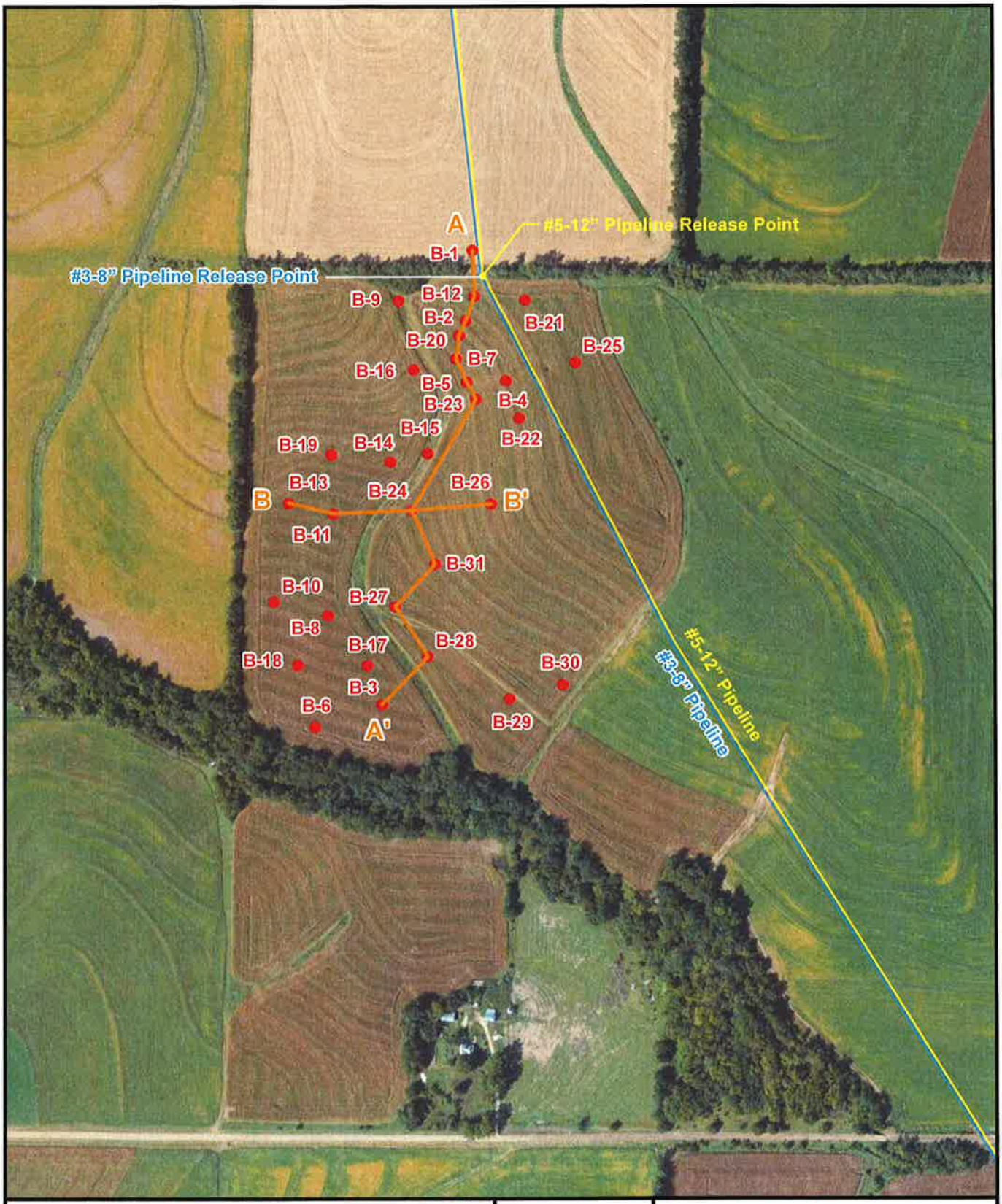
Burns & McDonnell
SINCE 1898

Figure 3

Underflow Dams

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig3_Underflow_Dam_MP110.mxd sos Mar 14, 2012



Legend

Direct-Push Boring Location

A —— A' Cross-Section Line

400 0 400

SCALE IN FEET

N

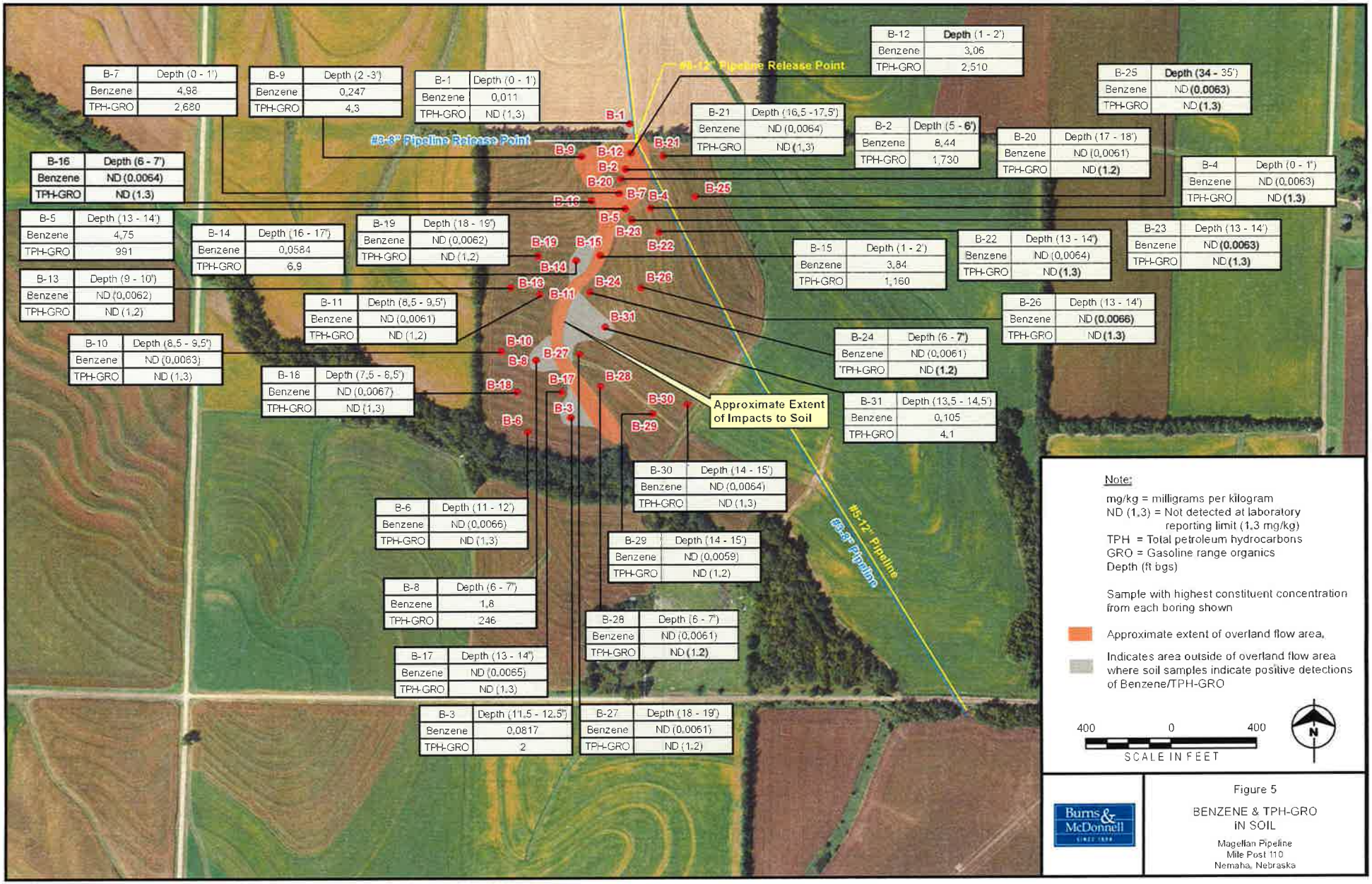
Burns & McDonnell SINCE 1898

Figure 4

DIRECT-PUSH BORING LOCATIONS

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig6_DP_Boring_MP110.mxd sos Mar 21, 2012



B-7	Depth (0 - 1')
Benzene	4.98
TPH-GRO	2,680

B-9	Depth (2 -3')
Benzene	0.247
TPH-GRO	4.3

B-1	Depth (0 - 1')
Benzene	0.011
TPH-GRO	ND (1.3)

B-12	Depth (1 - 2')
Benzene	3.06
TPH-GRO	2,510

B-25	Depth (34 - 35')
Benzene	ND (0.0063)
TPH-GRO	ND (1.3)

B-21	Depth (16.5 -17.5')
Benzene	ND (0.0064)
TPH-GRO	ND (1.3)

B-2	Depth (5 - 6')
Benzene	8.44
TPH-GRO	1,730

B-20	Depth (17 - 18')
Benzene	ND (0.0061)
TPH-GRO	ND (1.2)

B-16	Depth (6 - 7')
Benzene	ND (0.0064)
TPH-GRO	ND (1.3)

B-4	Depth (0 - 1')
Benzene	ND (0.0063)
TPH-GRO	ND (1.3)

B-5	Depth (13 - 14')
Benzene	4.75
TPH-GRO	991

B-14	Depth (16 - 17')
Benzene	0.0584
TPH-GRO	6.9

B-19	Depth (18 - 19')
Benzene	ND (0.0062)
TPH-GRO	ND (1.2)

B-15	Depth (1 - 2')
Benzene	3.84
TPH-GRO	1,160

B-22	Depth (13 - 14')
Benzene	ND (0.0064)
TPH-GRO	ND (1.3)

B-23	Depth (13 - 14')
Benzene	ND (0.0063)
TPH-GRO	ND (1.3)

B-13	Depth (9 - 10')
Benzene	ND (0.0062)
TPH-GRO	ND (1.2)

B-11	Depth (8.5 - 9.5')
Benzene	ND (0.0061)
TPH-GRO	ND (1.2)

B-26	Depth (13 - 14')
Benzene	ND (0.0066)
TPH-GRO	ND (1.3)

B-10	Depth (8.5 - 9.5')
Benzene	ND (0.0063)
TPH-GRO	ND (1.3)

B-24	Depth (6 - 7')
Benzene	ND (0.0061)
TPH-GRO	ND (1.2)

B-18	Depth (7.5 - 8.5')
Benzene	ND (0.0067)
TPH-GRO	ND (1.3)

B-31	Depth (13.5 - 14.5')
Benzene	0.105
TPH-GRO	4.1

B-30	Depth (14 - 15')
Benzene	ND (0.0064)
TPH-GRO	ND (1.3)

B-6	Depth (11 - 12')
Benzene	ND (0.0066)
TPH-GRO	ND (1.3)

B-29	Depth (14 - 15')
Benzene	ND (0.0059)
TPH-GRO	ND (1.2)

B-8	Depth (6 - 7')
Benzene	1.8
TPH-GRO	246

B-28	Depth (6 - 7')
Benzene	ND (0.0061)
TPH-GRO	ND (1.2)

B-17	Depth (13 - 14')
Benzene	ND (0.0065)
TPH-GRO	ND (1.3)

B-3	Depth (11.5 - 12.5')
Benzene	0.0817
TPH-GRO	2

B-27	Depth (18 - 19')
Benzene	ND (0.0061)
TPH-GRO	ND (1.2)

Burns & McDonnell

Figure 5

BENZENE & TPH-GRO IN SOIL

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig5_Benzene_TPH_GRO_in_Soil_MP110.mxd jlas April 17, 2012

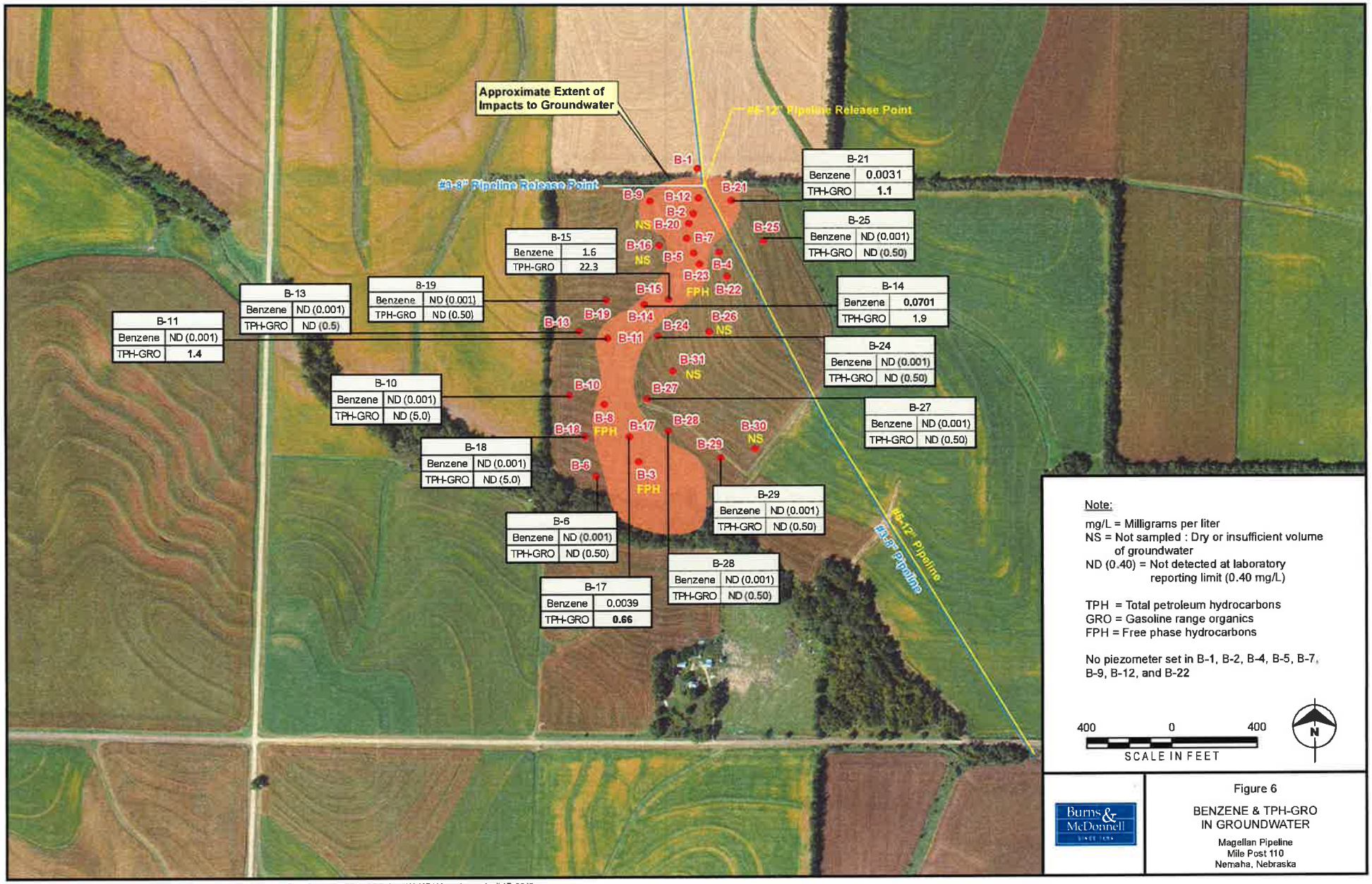


Figure 6

BENZENE & TPH-GRO IN GROUNDWATER

Magellan Pipeline
Mile Post 110
Nemaha, Nebraska

K:\ENV\MAGELLAN PIPELINE COMPANY LLC\Site\65383\Data\BMcD GIS\Fig6_Benzene_TPH_GRO_in_GW_MP110.mxd sos April 17, 2012

PHOTO LOG

Photograph	Description
	December 11, 2011 Facing northeast at the excavation in the immediate vicinity of the release points. The released FPH traveled overland downhill in the corn stalks before entering the grass swale.
	December 13, 2011 Facing south at the grass swale. The tree line to the south marks the location of the unnamed tributary of Jarvis Creek.

PHOTO LOG

Photograph	Description
	December 13, 2011 Looking south at Underflow Dam #1 in the erosional feature ditch.
	December 16, 2011 Looking east at the erosional feature ditch where FPH flowed before entering the unnamed tributary.

PHOTO LOG

Photograph	Description
	December 13, 2011 Facing west at Underflow Dam #2 on the unnamed tributary.
	December 12, 2011 Facing southwest at Underflow Dam #4 on the unnamed tributary. Field observations indicated no FPH flowed downstream of this point.