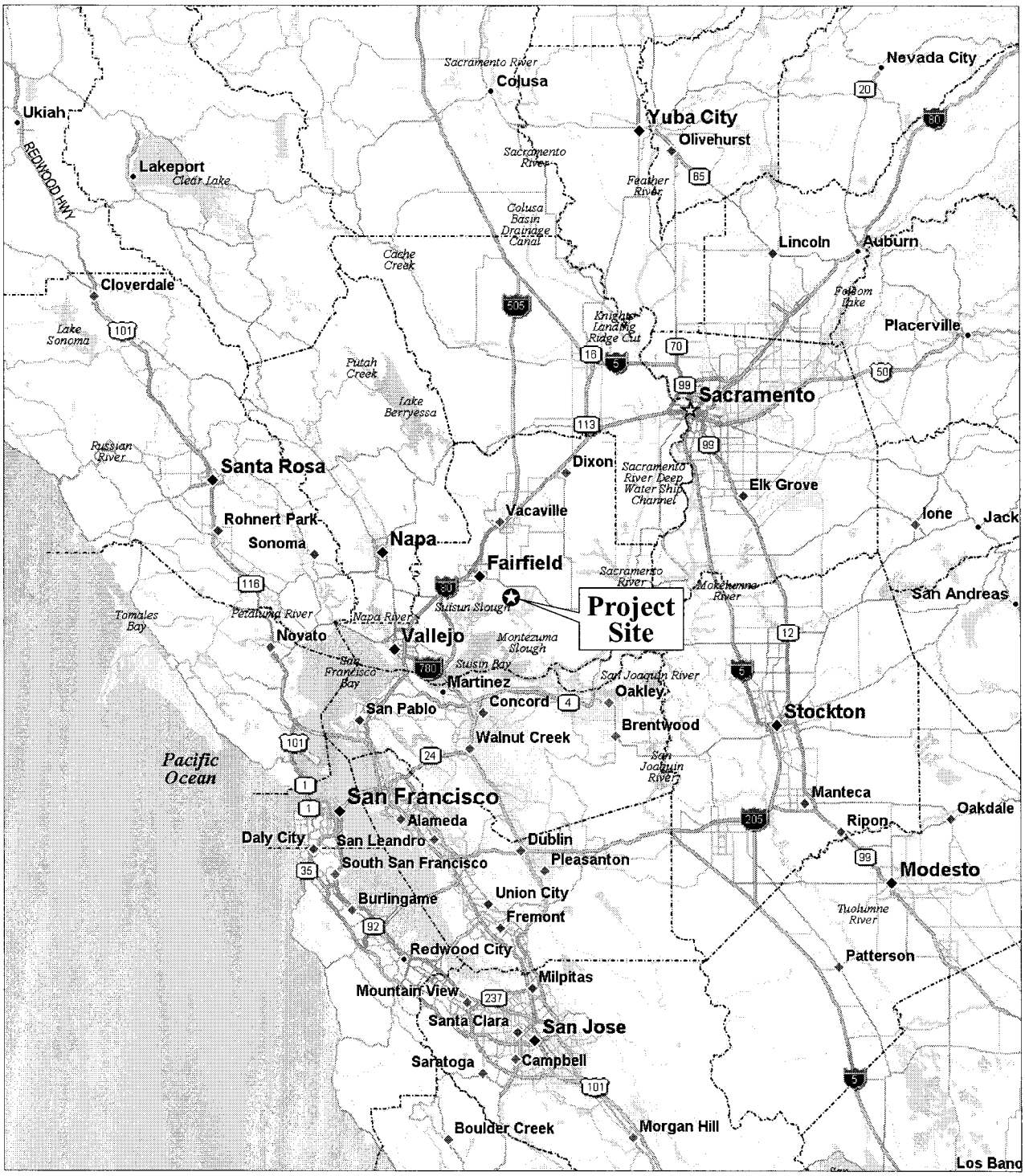


Purpose: Landfill Expansion and Wetland/Habitat Mitigation

Datum: MLW

Date: 5/19/10

0 20
MILES

Potrero Hills Phase II Landfill Expansion
Section 404 Permit Application

Regional Location

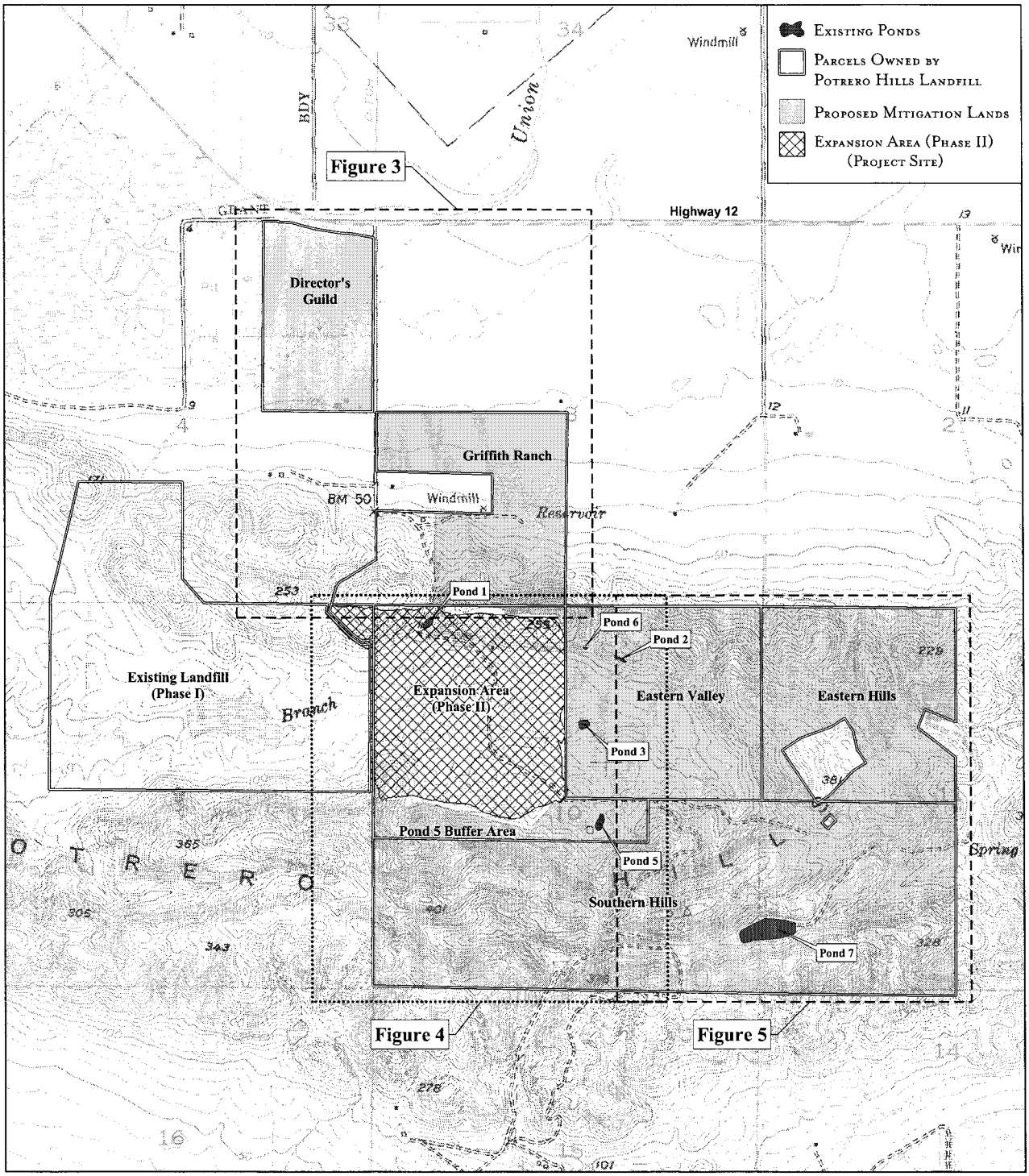
FIGURE 1 OF 10

Adjacent to: Spring Branch Creek

County of: Solano

Application by:
Potrero Hills Landfill
PO Box 68
Suisun City, CA 94533
Corps File # 26024N

P:\ESP930\g\Corps\Figure1_RegionalLocation.cdr (5/20/10)



Purpose: Landfill Expansion and Wetland/Habitat Mitigation

Datum: MLW

Date: 5/19/2010

Potrero Hills Landfill Phase II Expansion
Section 404 Permit Application

Proposed Project Site and Mitigation Areas

FIGURE 2 OF 10

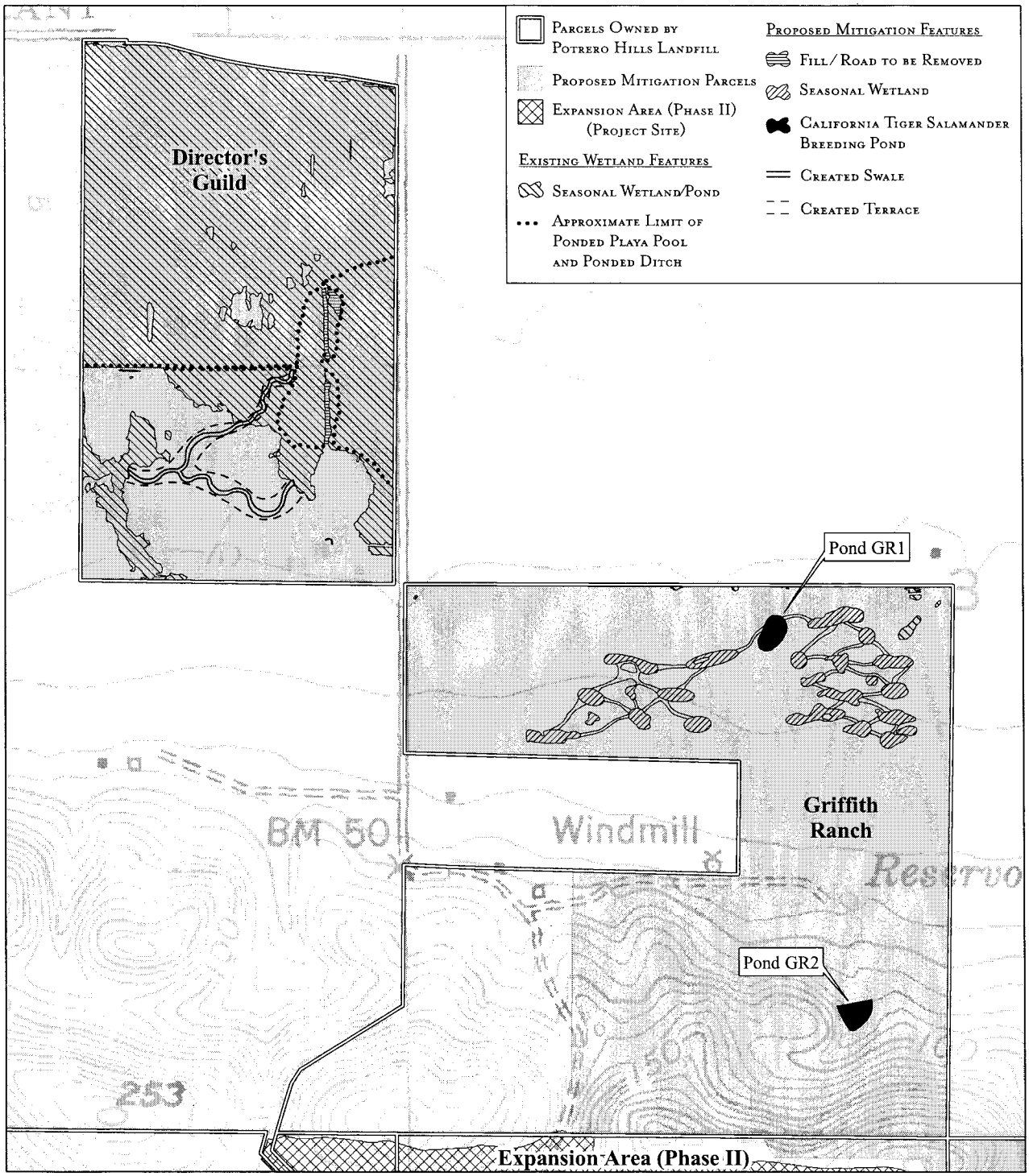
Adjacent to: Spring Branch Creek

County of: Solano

Application by:
Potrero Hills Landfill
PO Box 68
Suisun City, CA 94533
Corps File # 26024N

0 1000 2000
FEET

I:\ESP930\GIS\Maps\Corps Documents\Revision 2010-05\Figure2_ProposedMitigationAreas.mxd (5/20/2010)



Purpose: Landfill Expansion and Wetland/Habitat Mitigation

Datum: MLW

Date: 5/19/2010

0 350 700
FEET

Potrero Hills Landfill Phase II Expansion
Section 404 Permit Application

Director's Guild / Griffith Ranch
Existing Wetlands and
Proposed Mitigation Features

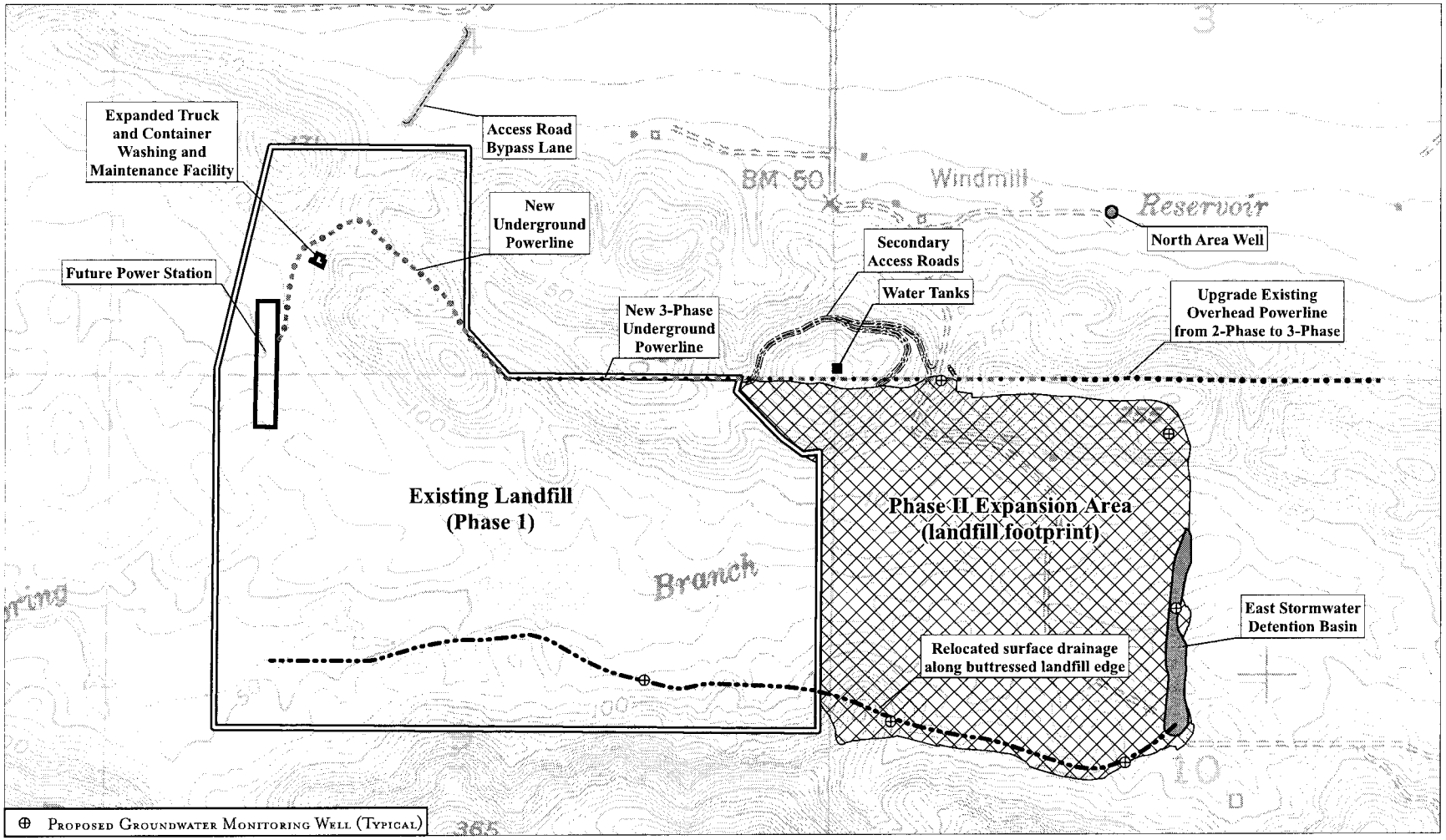
FIGURE 3 OF 10

Adjacent to: Spring Branch Creek

County of: Solano

Application by:
Potrero Hills Landfill
PO Box 68
Suisun City, CA 94533
Corps File # 26024N

I:\ESP930\GIS\Maps\Corps Documents\Revision 2010-05\Figure3_DG&GR_Mit_Wetlands_Portrait.mxd (5/20/2010)



Purpose: Landfill Expansion and Wetland/Habitat Mitigation

Datum: MLW

Date: 5/19/2010

0 550 1100
FEET

Potrero Hills Landfill Phase II Expansion
Section 404 Permit Application

Phase II Expansion
Facilities and Operations

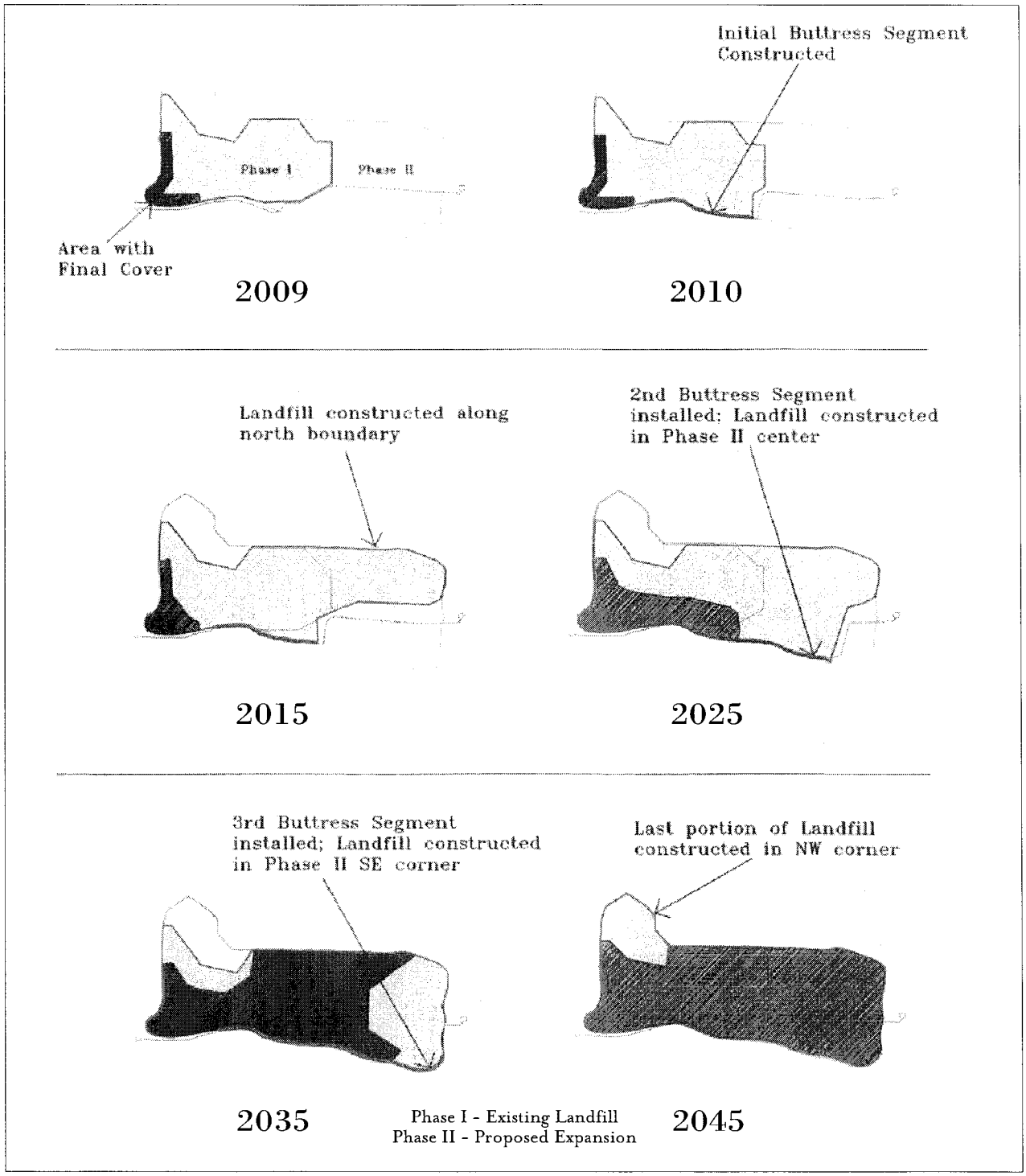
FIGURE 7 OF 10

Adjacent to: Spring Branch Creek

County of: Solano

Application by:
Potrero Hills Landfill
PO Box 68
Suisun City, CA 94533
Corps File # 26024N

I:\ESP930\GIS\Maps\Corps Documents\Revision 2010-05\Figure7_Phase II Facilities and Operations.mxd (5/20/2010)



Purpose: Landfill Expansion and Wetland/Habitat Mitigation

Datum: MLW

Date: 5/19/10

Source: Potrero Hills Landfill 1/20/06

Potrero Hills Phase II Landfill Expansion
Section 404 Permit Application

Concept of
Landfill Construction Sequence

FIGURE 10 OF 10

Adjacent to: Spring Branch Creek

County of: Solano

Application by:
Potrero Hills Landfill
PO Box 68
Suisun City, CA 94533
Corps File # 26024N

P:\ESP930\g\Corps\Figure10_Concept-LandfillConstrSequence.cdr (5/20/10)

Table A. Summary of Mitigation Activities and Compensation Ratios

MITIGATION AREA	HABITAT TYPE								
	CTS Upland Habitat	Grassland **	CTS Pond Habitat		Seasonal Wetlands		Swale/Channel		TOTAL (acres)
	Preserve (acres)	*Preserve (acres)*	*Preserve (acres)*	*Create (acres)*	*Preserve (acres)*	*Create (acres)*	*Preserve (acres)*	*Create (acres)*	
Southern Hills	420.76	0.00	3.77	1.05	1.47	0.00	1.65 (13,359 ft)	0.00	**428.70**
Pond 5 Buffer Area	40.78	0.00	0.45	0.00	0.00	0.00	0.00	0.00	**41.23**
Eastern Valley	296.37	0.00	0.50	0.00	0.22	0.00	0.30 (1,880 ft)	0.00	**297.39**
Griffith Ranch	106.06	0.00	0.00	0.73	0.27	4.07	0.00	1.03 (3,702 ft)	**112.16**
Director's Guild	0.00	20.47	0.00	0.00	61.93	0.42	0.21 (1,037 ft)	0.77 (1,898 ft)	**83.80**
TOTAL (acres)	**863.97**	**20.47**	**4.72**	**1.78**	**63.89**	**4.49**	**2.16 (16,276 ft)**	**1.80 (5,600 ft)**	**963.28**
Mitigation Ratio*	**5.2:1**	**na**	**7.7:1**	**2.9:1**	**45:1**	**3.2:1**	**4.9:1 (4.1:1)**	**4.1:1 (1.4:1)**	**5.8:1**

* Preserved/created:impacted

** Grassland on Director's Guild site is not occupied by CTS and not counted toward CTS mitigation.

Total Impact Area = 167.63 ac, Wetland Impact area = 1.86 ac, (1.42 ac. wetland/seep, 0.44 ac. (3,970 feet) other waters [channel]). Pond Impact Area = 0.61 ac (Ponds 1 and 4), Upland Impact Area =165.16 ac.