

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC- Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>BE</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACH 50%</u>	9. _____		
2. <u>Silybum marianum</u>	<u>H</u>	<u>- 50%</u>	10. _____		
3. <u>Solvia leucophylla</u>	<u>S</u>	<u>- 100%</u>	11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Burned veg + new seedlings/resprouts predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>- on bank of well-defined channel</u> <u>- hydrology present</u>

SOILS

BE3

Map Unit Name (Series and Phase): <u>Yolo Loam, 2 to 9% slopes</u>		Drainage Class: <u>well-drained</u>	
Taxonomy (Subgroup): <u>Typic Xeroorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Profile Description:			
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)
0-18"	A	10YR3/3	—
Texture, Concretions, Structure, etc.			
			Silt
Hydric Soil Indicators:			
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)	
Remarks: <u>no indicators of hydric soil</u>			

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> (Circle) Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> Hydric Soils Present? Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland.</u>	

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Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BF</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	9. _____	_____	_____
2. <u>annual grass seedlings</u>	<u>H</u>	<u>- 20%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>- 80%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 33%

Remarks: Burned veg + new seedlings/resprouts predominantly unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species
confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (In.) Depth to Free Water in Pit: _____ (In.) Depth to Saturated Soil: _____ (In.)	Remarks: <u>no indicators of hydrology</u>

SOILS

B F 1

Map Unit Name (Series and Phase): <u>Yolo Loam, 2 to 9% slopes</u>		Drainage Class: <u>well-drained</u>	
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Profile Description:			
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)
0-18"	A	<u>10YR3/3</u>	<u>10YR5/8</u>
			Mottle Abundance/Contrast
			<u>infrequent/moderate</u>
			Texture, Concretions, Structure, etc.
			<u>silt</u>
Hydric Soil Indicators:			
<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions		
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils		
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils		
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List		
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List		
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)		
Remarks: <u>no hydric soil indicators</u>			

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> <input checked="" type="radio"/> No (Circle)	(Circle)
Wetland Hydrology Present? Yes <input type="radio"/> <input checked="" type="radio"/> No	
Hydric Soils Present? Yes <input type="radio"/> <input checked="" type="radio"/> No	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> <input checked="" type="radio"/> No
Remarks: <u>no waters of U.S.</u> <u>no CDFG</u> <u>no wetland</u>	

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Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BF</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	H	— 100%	9. _____		
2. <u>Sambucus mexicana</u>	S	FAC 100%	10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 50%*

Remarks: Burned veg + new seedlings/resprouts predominantly unidentifiable. Plot not dom. by hyd veg based on remaining + identifiable plant species

* Atypical situation analysis determines this plot to be dom by hydrophytic veg (Baccharis) prior to fire

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Odf. Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>in bed of defined channel hydrology present</u>

SOILS

BF2

Map Unit Name (Series and Phase):		Yolo Loam, 2 to 9 % slopes		Drainage Class:	well-drained
Taxonomy (Subgroup):		Typic Xerorthents		Field Observations	Confirm Mapped Type? <input checked="checked" type="radio"/> Yes <input type="radio"/> No
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-10"	A	10YR 3/3	10YR 5/8	moderate/moderate	Slightly sandy sil

Hydric Soil Indicators:

<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> Concretions
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Listed on National Hydric Soils List
	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: no hydric soil indicators

WETLAND DETERMINATION

→ Atypical Determination

Hydrophytic Vegetation Present?	<input checked="checked" type="radio"/> Yes <input type="radio"/> No (Circle)	(Circle)
Wetland Hydrology Present?	<input checked="checked" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present?	Yes <input checked="checked" type="radio"/> No	
Is this Sampling Point Within a Wetland?		Yes <input checked="checked" type="radio"/> No
Remarks: yes waters of U.S. yes CDFS no wetland.		

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Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>23 Jun 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>—</u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>BF</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>3</u>

VEGETATION

dom =
20% or ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACU 70%</u>	9.		
2. <u>Silybum maritimum</u>	<u>H</u>	<u>— 10%</u>	10.		
3. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 20%</u>	11.		
4. <u>Horardia squarrosa</u>	<u>S</u>	<u>— 100%</u>	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 33%*

Remarks: Plot not dom by hyd veg based on remaining + identifiable plant species.

*Atypical Situation analysis determines plot to be

HYDROLOGY dominated by hydrophytic veg (Distichlis, Baccharis) prior to fire

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>—</u> (in.)</p> <p>Depth to Free Water in Pit: <u>—</u> (in.)</p> <p>Depth to Saturated Soil: <u>—</u> (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: on bank of defined channel
— hydrology present

SOILS

BF3

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	frequent/moderate	silt
			10 R 3/6	infrequent/low	

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: soil non hydric

WETLAND DETERMINATION

Atypical Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

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Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: _____ Transect ID: <u>BG</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>- 45%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>- 45%</u>	10. _____	_____	_____
3. <u>Polygonum sp.</u>	<u>H</u>	<u>FAC 10%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): <u>0%</u>					
Remarks: <u>Plot not dom by hyd veg based on remaining + identifiable plant species</u>					

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pitt: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology</u>

SOILS

BG1

Map Unit Name (Series and Phase): <u>Yolo Loom 2 to 9% slopes</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerothents</u>		Field Observations Confirm Mapped Type? Yes <input type="radio"/> No <input checked="" type="radio"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-10"	A	10YR3/3	—	—	silt
10-20"	B	5Y 5/4	10YR5/8	Abundant/moderate	silt mottles large, angular, gravel-like when dry - soft, cherty when wet
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>soil non hydric</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>no CDFG</u> <u>no wetland.</u>		

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Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BG</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedling</u>	<u>H</u>	<u>50%</u>	9. _____	_____	_____
2. <u>Polygonum sp</u>	<u>H</u>	<u>FAC 50%</u>	10. _____	_____	_____
3. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 66%

Remarks: Plot dom by hydrophytic vegetation.

Confirmed by Atypical situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>hydrology present w/in well-defined channel</u>

SOILS

BG 2

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Field Observations
 Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-12"	A	10YR 3/3	—	—	silt
12-20"	B	5Y 4/4	10YR 5/8	abundant/ moderate	silt mottles gravel-like when dry - soft, chalky when wet

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	(Circle) Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: <u>yes waters of u.s.</u> <u>yes CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>B6</u> Plot ID: <u>3</u>

VEGETATION

dom =
20% or ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	9. _____		
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FACU 80%</u>	10. _____		
3. <u>Silybum marianum</u>	<u>H</u>	<u>- 8%</u>	11. _____		
4. <u>Annual Grass seedlings</u>	<u>H</u>	<u>- 10%</u>	12. _____		
5. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>- 2%</u>	13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 50%

Remarks: Plot not dom by hyd veg based on remaining + identifiable plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="padding-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="padding-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Onft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>in bed of defined channel - hydrology present</u></p>	

SOILS

BG3

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slope Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	moderate/moderate	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: no indicators of hydric soil

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present?	Yes <input checked="" type="radio"/> No <input type="radio"/>	
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>		

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BG</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACU 100%</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>on bank of defined channel.</u> <div style="text-align: right;"><u>— hydrology present</u></div>

SOILS

BG 4

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained
 Field Observations
 Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	moderate/moderate	Silt

Hydric Soil Indicators:

- | | |
|--|---|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks:
soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No (Circle)
 Wetland Hydrology Present? Yes No
 Hydric Soils Present? Yes No
 Is this Sampling Point Within a Wetland? Yes No (Circle)

Remarks:
yes waters of U.S.
yes CDFG
no wetland.

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? <input type="radio"/> Yes <input checked="" type="radio"/> No Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BH</u> Plot ID: <u>1</u>

VEGETATION

dom =
20% or ↑

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW</u>	<u>60%</u>	9. _____			
2. <u>Annual grass seedling</u>	<u>H</u>	<u>-</u>	<u>15%</u>	10. _____			
3. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC</u>	<u>20%</u>	11. _____			
4. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC</u>	<u>100%</u>	12. _____			
5. <u>Silybum marianum</u>	<u>H</u>	<u>-</u>	<u>5%</u>	13. _____			
6. _____				14. _____			
7. _____				15. _____			
8. _____				16. _____			

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 66%

Remarks:

Plot dom by hydrophytic veg. based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<p>Recorded Data (Describe in Remarks):</p> <p><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p><input type="checkbox"/> Aerial Photographs</p> <p><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (In.)</p> <p>Depth to Free Water in Pit: _____ (In.)</p> <p>Depth to Saturated Soil: _____ (In.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Dnft Unes</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
---	---

Remarks: - on bank of defined channel
- hydrology present

SOILS

BH 1

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>	
Taxonomy (Subgroup): <u>Typic Xeroorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Profile Description:			
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)
0-20"	A	10YR 4/2	10YR 5/8
Hydric Soil Indicators:			
<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions		
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils		
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils		
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List		
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List		
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)		
Remarks: <u>- low chroma colors w/ bright mottles</u> <u>- soil hydric</u>			

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No			
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No			
Hydric Soils Present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No			
			Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>yes wetland</u>					

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC- Batchelor Niessen, Krenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ recently burned	Community ID: <u>—</u> Transect ID: <u>BH</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FAC 38%</u>	10. _____	_____	_____
3. <u>Annual grass seedling</u>	<u>H</u>	<u>— 20%</u>	11. _____	_____	_____
4. <u>Silybum marianum</u>	<u>H</u>	<u>— 20%</u>	12. _____	_____	_____
5. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC 20%</u>	13. _____	_____	_____
6. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>— 2%</u>	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Worms

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 40%^A

Remarks: Plot not dom by hyd veg based on remaining + identifiable plant species.

^A Atypical Situation analysis determines plot to be dom by hydrophytic veg prior to fire.

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks ___ Dnft Lines ___ Sediment Deposits ___ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (In.) Depth to Free Water in Pitt: _____ (In.) Depth to Saturated Soil: _____ (In.)	

Remarks: — in channel
 — hydrology present

BH2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, Drainage Class: well-drained
Taxonomy (Subgroup): 30 to 50% slopes, eroded Typic Xerochthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	A	10YR 4/2	10YR 5/8	frog/mod	silt

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: low chroma colors w/ bright mottles
soil hydric

WETLAND DETERMINATION

→ Atypical silt Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	

Remarks: yes waters of U.S.
yes CDFG
yes wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>GH</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 90%</u>	9. _____	_____	_____
2. <u>Silybum marianum</u>	<u>H</u>	<u>- 5%</u>	10. _____	_____	_____
3. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>- 2%</u>	11. _____	_____	_____
4. <u>annual grass seedling</u>	<u>H</u>	<u>- 3%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Worms

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (In.) Depth to Free Water in Pitt: _____ (In.) Depth to Saturated Soil: _____ (In.)	

Remarks:
- GH bank of defined channel
- hydrology present

SOILS

BH3

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, eroded Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 4/2	10YR 5/6	freq/mod	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: low chroma colors w/ bright mottles
soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMECC Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>15</u> Transect ID: <u>BI</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. _____	_____	_____	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%*

Remarks: walnut woodland in adjacent areas
Plot not dom by hyd veg based on remaining + identifiable plant species.

shail shell

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other <input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (In.) Depth to Free Water in Pit: _____ (In.) Depth to Saturated Soil: _____ (In.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p>___ Inundated ___ Saturated in Upper 12 Inches ___ Water Marks ___ Dnft Unes ___ Sediment Deposits ___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p>___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
Remarks: <u>on bank of channel</u> <u>-hydrology present</u>	

SOILS

BI 1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, eroded. Typic Xerochents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A ₁	10YR 4/2	10YR 5/8	Mod/mod	silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: Low chroma colors w/ bright mottles
- soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input type="radio"/> Yes <input checked="" type="radio"/> No (Circle)	(Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	Is this Sampling Point Within a Wetland? <input type="radio"/> Yes <input checked="" type="radio"/> No

Remarks: yes waters of U.S.
yes CDFG
no wetland.

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>30 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC- Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u> </u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>BI</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/>	Plot ID: <u>2</u>
(If needed, explain on reverse.) <u>recently burned</u>	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>—</u>	<u>85%</u>	9. _____	_____	_____
2. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	10. _____	_____	_____
3. <u>annual grass seedling</u>	<u>—</u>	<u>5%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	18. _____	_____	_____

Worms

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%*

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species.

* Atypical situation analysis determines plot to be dom by hydrophytic veg prior to fire

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u> </u> (In.)</p> <p>Depth to Free Water in Pitt: <u> </u> (In.)</p> <p>Depth to Saturated Soil: <u> </u> (In.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Dnft Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks:
- in channel, area of fluvial deposit
- hydrology present

BI 2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty clay loam Drainage Class: well-drained
 30 to 50% slopes, eroded
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-16"	A	10YR 4/2	10YR 5/8	mod/mod	silt
16-20"	B ₁	2.5YR 4/4	10YR 5/8	mod/low	silt

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: low chroma color / mottles in A
- soil hydric

WETLAND DETERMINATION

Atypical sit Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	

Remarks: yes waters of U.S.
yes CDFG
yes wetland

Scale

Approved by HQUSACE 3/92

low = infrequent = low abund.
 mod = mod freq = mod abund.
 high = frequent = abundant

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>30 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC- Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>B1</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	%	Dominant Plant Species	Stratum	Indicator	%
1. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW</u>	<u>100%</u>	9. _____	_____	_____	_____
2. <u>Aerial grass seedlings†</u>	<u>—</u>	<u>—</u>	<u>30%</u>	10. _____	_____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>—</u>	<u>30%</u>	11. _____	_____	_____	_____
4. <u>Melicopolymorpha</u>	<u>H</u>	<u>—</u>	<u>38%</u>	12. _____	_____	_____	_____
5. <u>Verbena lasiostachya</u>	<u>H</u>	<u>FAC</u>	<u>2%</u>	13. _____	_____	_____	_____
6. _____	_____	_____	_____	14. _____	_____	_____	_____
7. _____	_____	_____	_____	15. _____	_____	_____	_____
8. _____	_____	_____	_____	16. _____	_____	_____	_____

worms
dom = 20% or ↑

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 25%[⊕]

Remarks:

Plot not dom by hyd veg based on remaining + identifiable plant species.

⊕ Atypical situation analysis determines plot to be dom by hydrophytic veg prior to fire.

HYDROLOGY

<p>Recorded Data (Describe in Remarks):</p> <p>— Stream, Lake, or Tide Gauge</p> <p>— Aerial Photographs</p> <p>— Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p>— Inundated</p> <p>— Saturated in Upper 12 inches</p> <p>— Water Marks</p> <p>— Dnft Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p>— Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p>— Oxidized Root Channels in Upper 12 inches</p> <p>— Water-Stained Leaves</p> <p>— Local Soil Survey Data</p> <p>— FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
--	--

Remarks:

in "channel", in area of fluvial deposit.
— hydrology present

BI3

SOILS

Map Unit Name (Series and Phase): Castaic-Baldom Silty Clay Loam, Drainage Class: well-drained
 30 to 50% slopes, eroded
 Taxonomy (Subgroup): Typic Xcior thents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 4/2	10YR 6/6	mod / low	silt
		-	10YR 5/8	freq / mod	-
		-	10R 3/6	low / low	-

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: low chroma colors, bright mottles.
- soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>yes wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyon's Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>BI</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual Grass seedlings</u>	<u>H</u>	<u>50%</u>	9. _____	_____	_____
2. <u>Medicago polymorpha</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>45%</u>	11. _____	_____	_____
4. <u>Salvia leucophylla</u>	<u>S</u>	<u>100%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>no indicators of hydrology</u>

SOILS

BI4

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes eroded Typic Xerorthents</u>		Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottis Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A ₁	10YR 4/2	10R 3/6	low / low	silt
			10YR 5/2	mod / mod	
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol		<input type="checkbox"/> Concretions			
<input type="checkbox"/> Histic Epipedon		<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils			
<input type="checkbox"/> Sulfidic Odor		<input type="checkbox"/> Organic Streaking in Sandy Soils			
<input type="checkbox"/> Aquic Moisture Regime		<input type="checkbox"/> Listed on Local Hydric Soils List			
<input type="checkbox"/> Reducing Conditions		<input type="checkbox"/> Listed on National Hydric Soils List			
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors		<input checked="" type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>low chroma colors / bright mottles</u> <u>- soil hydric</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle) Wetland Hydrology Present? Yes <input type="radio"/> No <input checked="" type="radio"/> Hydric Soils Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	(Circle) Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks: <u>no waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>30 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: _____
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>BT</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus ardensatus</u>	<u>H</u>	<u>FACW</u>	9. _____		
2. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>-</u>	10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>no indicators of hydrology</u></p>	

SOILS

BJ1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents ^{30 to 50% slopes, eroded} Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	A ₁	10YR 3/3	10YR 5/8	inf/low	silt

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: soil non hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	(Circle)
Wetland Hydrology Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks: <u>no waters</u> <u>no CDFG</u> <u>no wetland</u>		

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BJ</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>- 95%</u>	9. _____	_____	_____
2. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>- 5%</u>	10. _____	_____	_____
3. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 60%</u>	11. _____	_____	_____
4. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 40%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom =
20% or ↑

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 66%

Remarks:
Plot dominated by hydrophytic vegetation, based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: - in channel, silt/las, some deposition of sediments (fluvial)
- hydrology present

SOILS

BJ2

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained

Taxonomy (Subgroup): 30 to 50% slopes, eroded Field Observations: Typic Xerochents Confirm Mapped Type? Yes No

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-20"	A	10YR4/2	10YR 5/8	mod/mod	silt
			10YR 6/6	low mod	
			10R 3/6	low/low	

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: low chroma colors, bright mottles
soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	(Circle) Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters</u> <u>yes CDFG</u> <u>yes wetland</u>	

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BJ</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salvia melifera</u>	<u>S</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>75%</u>	11. _____	_____	_____
4. <u>Sanicula crassicaulis</u>	<u>H</u>	<u>10%</u>	12. _____	_____	_____
5. <u>Melicago polymorpha</u>	<u>H</u>	<u>10%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Onft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Plt: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>- on bank of defined channel</u> <u>- hydrology present.</u>

SOILS

BJ 3

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay loam, Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes eroded Field Observations Typic Xerorthents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR4/2	10YR5/8	mod/mod	silt
			10YR6/6	mod/mod	

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: - low chrome colors, bright mottles.
- soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing</u> <small>Paramount</small> Investigator: <u>DMEC - Batchelor, Niessen, Breiner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BK</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. _____	_____	_____	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%

Remarks:
Plot not dom by hyd veg based on remaining identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Dnft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
Remarks: <u>— on bank of well defined channel</u> <u>— hydrology present</u>	

SOILS

BK 1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, eroded typic Xerorthents Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-10"	A	10YR 4/2	10YR 5/8	low/mod	silt
10-18"	B	10YR 4/2	10YR 5/2	low/mod	fine sandy silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: - low chroma colors, bright mottles
- soil hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	(Circle)
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Is this Sampling Point Within a Wetland?		Yes <input checked="" type="radio"/> No

Remarks: yes waters of U.S.
yes CDFG
no wetland

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>MEC - Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BK</u> Plot ID: <u>2</u>

Channel bottom has been graded

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>60%</u>	9. _____	_____	_____
2. <u>Aquiel grass seedlings</u>	<u>H</u>	<u>45%</u>	10. _____	_____	_____
3. <u>Medicago polymorpha</u>	<u>H</u>	<u>5%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Grading probably cleared riparian shrubs, plot not dom by hyd veg based on remaining + identifiable plant species.

Confirmed by atypical situation analysis.

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 inches <input checked="" type="checkbox"/> Water Marks ① <input type="checkbox"/> Dnft Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks) ②
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: ② in bottom of well defined channel ① scour lines
Channel bottom has been graded

— hydrology present

BK 2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, graded Field Observations: Typic Xerochents Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	fine / mod	fine sandy silt

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: - no hydric soil indicators
Bull-dozing activities evident but soils still determined to be non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	(Circle)
Wetland Hydrology Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Is this Sampling Point Within a Wetland?		Yes <input type="radio"/> No <input checked="" type="radio"/>

Remarks: yes waters of U.S.
yes CDFG
no wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BK</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Panicum echinoides</u>	H	FAC 15%	9. _____		
2. <u>Hirschfeldia incana</u>	H	- 15%	10. _____		
3. <u>Eriodictyon crossifol</u>	S	- 10%	11. _____		
4. <u>Sambucus mexicana</u>	S	FAC 90%	12. _____		
5. <u>Leymus condensatus</u>	H	FAC 20%	13. _____		
6. <u>Silybum marianum</u>	H	- 20%	14. _____		
7. <u>Annual grass seedling</u>	H	- 15%	15. _____		
8. <u>Mikcotrix saxatilis</u>	H	- 15%	16. _____		
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-).			<u>33%</u>		
Remarks: <u>most veg cleared by fire + grading</u> <u>plot not dom by hyd veg based on remaining + identifiable plant species</u>					

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required!): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	
Remarks: <u>- on bank of well defined bed banks,</u> <u>- scour lines</u> <u>- hydrology present</u>	

*worms
dom =
20% or ↑*

SOILS

Bk3

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>30 to 50% slopes, eroded Typic Xerochents</u>		Field Observations Confirm Mapped Type? Yes <input type="radio"/> No <input checked="" type="radio"/>			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-12"	A	10YR 3/3	—	—	fine silty sand
12-18"	B	10YR 4/3	10YR 5/8	low/low	very fine sandy silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>no hydric soil indicators</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Hydric Soils Present? Yes <input type="radio"/> No <input checked="" type="radio"/>	
Remarks: <u>yes waters of U.S. yes CDFG no wetland</u>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>30 Jan 04</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>1</u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>BL</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/>	Plot ID: <u>1</u>
(If needed, explain on reverse.) <u>recently burned</u>	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 100%</u>	9. _____		
2. <u>? Horridia squarrosa</u>	<u>S</u>	<u>100%</u>	10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 0%

Remarks: Plot not dom by hydroveg based on remaining + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Onft Unes</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
---	---

Remarks: - on bank of well defined channel
- hydrology present

worms

SOILS

BL1

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay Loam</u>		Drainage Class: <u>well-drained</u>	
Taxonomy (Subgroup): <u>Typic Xerorthents</u>		Field Observations Confirm Mapped Type? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Profile Description:			
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)
0-20"	A	10YR 3/3	10YR 5/8
Hydric Soil Indicators:			
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)	
Remarks: <u>no indicators of hydric soil</u>			

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)	(Circle)	
Wetland Hydrology Present?	Yes <input checked="" type="radio"/> No <input type="radio"/>		
Hydric Soils Present?	Yes <input checked="" type="radio"/> No <input type="radio"/>		
		Is this Sampling Point Within a Wetland?	Yes <input checked="" type="radio"/> No <input type="radio"/>
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>			

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BL</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>— 40%</u>	9. _____	_____	_____
2. <u>Hirschfeldia incana</u>	<u>H</u>	<u>— 30%</u>	10. _____	_____	_____
3. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>— 10%</u>	11. _____	_____	_____
4. <u>Annual grass seedling</u>	<u>H</u>	<u>— 20%</u>	12. _____	_____	_____
5. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

lom =
20% or ↑

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 25%[ⓐ]

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species

[ⓐ] Atypical situation analysis determines plot to be dominated by hydrophytic veg prior to fire.

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	

Remarks: — in bed of defined channel
— hydrology present

BL2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, eroded Typic Xerorthents Field Observations: Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	A	10YR 4/2	10YR 5/8	freq/mod	silt

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks: - low chroma colors, bright mottles
- soil hydric

WETLAND DETERMINATION

Atypical Site Determination

Hydrophytic Vegetation Present? Yes No (Circle)

Wetland Hydrology Present? Yes No (Circle)

Hydric Soils Present? Yes No (Circle)

Is this Sampling Point Within a Wetland? Yes No (Circle)

Remarks: yes waters of U.S.
yes CDFG.
yes wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>30 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BL</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	H	FACU 70%	9. _____	_____	_____
2. <u>Silybum marianum</u>	H	— 30%	10. _____	_____	_____
3. <u>Burchellia californica</u>	S	FACU 100%	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%

Remarks:
Plot not dom by hyd veg based on remaining + identifiable plant species

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>— on bank of well defined channel</u> <u>— hydrology present</u>

SOILS

BL 3

Map Unit Name (Series and Phase): <u>Castaic-Balcom Silty Clay loam</u>		Drainage Class: <u>well-drained</u>			
Taxonomy (Subgroup): <u>Typic Xerothents</u>		Field Observations: <u>30 to 50% slopes, eroded</u>			
		Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No			
Profile Description:					
Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 4/3	10YR 5/8	inf/ mod	fine sandy silt
Hydric Soil Indicators:					
<input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors		<input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks)			
Remarks: <u>no hydric indicators.</u>					

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	(Circle)
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Is this Sampling Point Within a Wetland?		Yes <input type="radio"/> No <input checked="" type="radio"/>
Remarks: <u>yes waters of U.S.</u> <u>yes CDFG</u> <u>no wetland</u>		