

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 <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: _____ Transect ID: <u>BS</u> Plot ID: <u>5</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Distichlis spicata</u>	H	FACW 50%	9. _____		
2. <u>Arial grass seedlings</u>	H	15%	10. _____		
3. <u>Melicago polymorpha</u>	H	15	11. _____		
4. <u>Hirschfeldia incana</u>	H	15%	12. _____		
5. <u>Heterosteca grandiflora</u>	H	5	13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 100%

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 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>
Remarks: <u>no indicators of hydrology</u>	

worms
dom = 20%
or ↑

DATA FORM
 ROUTINE WETLAND DETERMINATION
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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnus, Batchelor, Niessen</u>	Date: <u>23 Feb 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? <u>area graded/All</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BS</u> Plot ID: <u>6</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. <u>Annual grass seedlings</u>	<u>H</u>	<u>- 45%</u>
2. <u>Eriogonum setigerum</u>	<u>H</u>	<u>- 1%</u>	10. <u>Amesickia menziesii</u>	<u>H</u>	<u>- 2%</u>
3. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 1%</u>	11. _____	_____	_____
4. <u>Erodium cicutarium</u>	<u>H</u>	<u>- 1%</u>	12. _____	_____	_____
5. <u>Silybum marianum</u>	<u>H</u>	<u>- 3%</u>	13. _____	_____	_____
6. <u>Lactuca scariola</u>	<u>H</u>	<u>FAC 1%</u>	14. _____	_____	_____
7. <u>Hirschfeldia incana</u>	<u>H</u>	<u>- 1%</u>	15. _____	_____	_____
8. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 5%</u>	16. _____	_____	_____

dom. =
20% + T

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

Remarks: Plot dominated by hydrophytic veg based on remaining, sprouting, and 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 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 checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: No indicators of hydrology present.
only one secondary indicator present

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Pomomount</u> Investigator: <u>DMEC - Magney, Ditchelder, Niessen</u>	Date: <u>23 Feb. 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>area graded/filled recently burned</u>	Community ID: <u> </u> Transect ID: <u>BS</u> Plot ID: <u>7</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	
1. <u>Lactuca serriola</u>	<u>H</u>	<u>FAC</u>	<u>1%</u>
2. <u>Silybum marianum</u>	<u>H</u>	<u>-</u>	<u>2%</u>
3. <u>Eriogonum cicutarium</u>	<u>H</u>	<u>-</u>	<u>5%</u>
4. <u>Nirsetfeldia incana</u>	<u>H</u>	<u>-</u>	<u>2%</u>
5. <u>Medicago polymorpha</u>	<u>H</u>	<u>-</u>	<u>2%</u>
6. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW</u>	<u>44%</u>
7. <u>Annual grass seedlings</u>	<u>H</u>	<u>-</u>	<u>44%</u>
8. <u> </u>	<u> </u>	<u> </u>	<u> </u>
9. <u> </u>	<u> </u>	<u> </u>	<u> </u>
10. <u> </u>	<u> </u>	<u> </u>	<u> </u>
11. <u> </u>	<u> </u>	<u> </u>	<u> </u>
12. <u> </u>	<u> </u>	<u> </u>	<u> </u>
13. <u> </u>	<u> </u>	<u> </u>	<u> </u>
14. <u> </u>	<u> </u>	<u> </u>	<u> </u>
15. <u> </u>	<u> </u>	<u> </u>	<u> </u>
16. <u> </u>	<u> </u>	<u> </u>	<u> </u>

dom. = 20%+T

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, and identifiable plant species.

* Atypical Situation analysis determines plot to be dominated by hydrophytic veg. (Distichlis, Baccharis)

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: <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 type="checkbox"/> Other (Explain in Remarks)</p>
Remarks: <u>no indicators of hydrology present</u>	

DATA FORM
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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Magney, Batahelov, Kresser</u>	Date: <u>23 Feb. 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? <u>area graded/filled</u> 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>BS</u> Plot ID: <u>8</u>

VEGETATION

dom =
20% + ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salvia leucophylla</u>	<u>S</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Muhlenbergia incana</u>	<u>H</u>	<u>10%</u>	10. _____	_____	_____
3. <u>Lotus salicifolius</u>	<u>H</u>	<u>1%</u>	11. _____	_____	_____
4. <u>Medicago polymorpha</u>	<u>H</u>	<u>2%</u>	12. _____	_____	_____
5. <u>Erodium cicutarium</u>	<u>H</u>	<u>5%</u>	13. _____	_____	_____
6. <u>Annual grass seedlings</u>	<u>H</u>	<u>40%</u>	14. _____	_____	_____
7. <u>Lactuca scariola</u>	<u>H</u>	<u>FAC 2%</u>	15. _____	_____	_____
8. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 40%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, and 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 present</u>

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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DNEC: Magney, Batchelor, Niessen</u>	Date: <u>23 Feb. 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? <u>area graded/filled recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Community ID: <u> </u> Transect ID: <u>BS</u> Plot ID: <u>9</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Eriogonum chrysanthemifolium</u>	<u>H</u>	<u>- 10%</u>	9. <u>Adenostoma fasciculata</u>	<u>S</u>	<u>- 75%</u>
2. <u>Hesperaloe parviflora</u>	<u>H</u>	<u>- 10%</u>	10. <u>Melilotus alba</u>	<u>H FAC</u>	<u>+ 2%</u>
3. <u>Salvia leucophylla</u>	<u>S</u>	<u>- 5%</u>	11. _____	_____	_____
4. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>- 1%</u>	12. _____	_____	_____
5. <u>Annual grass seedlings</u>	<u>H</u>	<u>- 72%</u>	13. _____	_____	_____
6. <u>Lactuca serriola</u>	<u>H FAC</u>	<u>2%</u>	14. _____	_____	_____
7. <u>Melilotus polymorpha</u>	<u>H</u>	<u>- 2%</u>	15. _____	_____	_____
8. <u>Silybum marianum</u>	<u>H</u>	<u>- 1%</u>	16. _____	_____	_____

dom =
20% + ↑

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

Remarks: Fremont Cottonwood 100 ft up canyon from Plot BS 5. Area has been graded - many plants buried by fill material. Plot not dom by hyd. veg. based on remaining sprouting, + 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 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 present</u>

BS9

SOILS

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	—	—	silty clay loam

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
dozing activities evident, but mapped soil unit is still present

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)		Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)
Hydric Soils Present?	Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)		Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)

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

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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? <u>area graded/filled</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BT</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Silybum marianum</u>	<u>H</u>	<u>80%</u>	10. _____	_____	_____
3. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC100%</u>	11. _____	_____	_____
4. <u>Melilotus alba</u>	<u>H</u>	<u>FACU+4%</u>	12. _____	_____	_____
5. <u>Eucroptis chrysantha</u>	<u>H</u>	<u>4%</u>	13. _____	_____	_____
6. <u>Annual Grass</u>	<u>H</u>	<u>16%</u>	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: Plot location is under oak tree no. 1731
Plot not dominated by hydrophytic veg based on remaining, sprouting, + identifiable plant species.

Confirmed by Atypical Situation analysis.

HYDROLOGY

<p>Recorded Data (Describe in Remarks):</p> <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>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <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 <p>Secondary Indicators (2 or more required):</p> <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)
<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>Remarks: <u>no indicators of hydrology.</u></p>

dom = 20% + T

SOILS

BT1

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	—	—	Sandy loam

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 indicators.
dozing activities evident, but mapped soil unit is still present

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 CDFS</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? <u>area graded/filled</u> 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>BT</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Pennis setacea</u>	<u>H</u>	<u>FAC*25%</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC99%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>- 15%</u>	11. _____	_____	_____
4. <u>Quercus agrifolia</u>	<u>T</u>	<u>- 100%</u>	12. _____	_____	_____
5. <u>Annual grass seedlings</u>	<u>N</u>	<u>- 59%</u>	13. _____	_____	_____
6. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW1%</u>	14. _____	_____	_____
7. <u>Lupinus succulentus</u>	<u>H</u>	<u>- 1%</u>	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

tom = 20% ↑

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, + identifiable plant species.

* Atypical Situation analysis determines plot to be dominated by hydrophytic veg. - Baccharis salicifolia a dominant prior to fire and grading activities

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 <input checked="" type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input checked="" type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> 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 ___ 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>indicators of hydrology present.</u>	

SOILS

BT2

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	10YR 5/8	inf / mod	sandy loam.

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: recent fluvial deposit on edge of road bed
grading/dozing evident. Fill deposited over riverwash.
due to presence of fluvial deposits - hydric soils present

WETLAND DETERMINATION

Atypical situation 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 Jurisdiction
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-Magney, Batchelor, Niessen</u>	Date: <u>23 Feb 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? <u>area graded/filled recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Community ID: <u>—</u> Transect ID: <u>BT</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedlings</u>	<u>H</u>	<u>65%</u>	9. _____	_____	_____
2. <u>Picris echinoides</u>	<u>N FAC</u>	<u>20%</u>	10. _____	_____	_____
3. <u>Sambucus mexicana</u>	<u>S FAC</u>	<u>100%</u>	11. _____	_____	_____
4. <u>Hirschfeldia incana</u>	<u>H</u>	<u>10%</u>	12. _____	_____	_____
5. <u>Melilotus alba</u>	<u>H FAC</u>	<u>2%</u>	13. _____	_____	_____
6. <u>Centauria melitensis</u>	<u>H</u>	<u>2</u>	14. _____	_____	_____
7. <u>Amsinckia menziesii</u>	<u>H</u>	<u>1%</u>	15. _____	_____	_____
8. <u>Quercus agrifolia</u>	<u>T</u>	<u>100%</u>	16. _____	_____	_____

dom = 20% + ↑

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, + identifiable plant species.

* Atypical Situation analysis determines plot to be dominated

HYDROLOGY by hydrophytic veg - Baccharis salicifolia a dominant prior to disturbance

<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>— small drainage channels w/in 6ft on each side of plot.</u> <u>— no indicators of hydrology</u>

SOILS

BT3

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR4/2	10YR5/8	Reg/mol	loam

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 mottle.
- hydric soil indicators present

WETLAND DETERMINATION → Atypical Situation 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? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: <u>no waters of US.</u> <u>yes CDFG Jurisdiction</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 - Magney, Batchelor, Kiessen</u>	Date: <u>23 Feb 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? <u>area graded/filled recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Community ID: <u>—</u> Transect ID: <u>BT</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>— 80%</u>	9. _____	_____	_____
2. <u>Marah macrocarpus</u>	<u>H</u>	<u>— 2%</u>	10. _____	_____	_____
3. <u>Medicago polymorpha</u>	<u>H</u>	<u>— 2%</u>	11. _____	_____	_____
4. <u>Amsincki periziesii</u>	<u>H</u>	<u>— 2%</u>	12. _____	_____	_____
5. <u>Hirschfeldia incana</u>	<u>H</u>	<u>— 10%</u>	13. _____	_____	_____
6. <u>Lactuca serriola</u>	<u>H FAC</u>	<u>1%</u>	14. _____	_____	_____
7. <u>Chenopodium album</u>	<u>H FAC</u>	<u>1%</u>	15. _____	_____	_____
8. <u>Centauria melitensis</u>	<u>H</u>	<u>— 2%</u>	16. _____	_____	_____

dom = 20% at ↑

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

Remarks: Plot not dominated by hydrophytic veg based on remaining.

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>
Remarks: <u>no indicators of hydrology</u>	

SOILS

B.T.4

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-10"	Fill	Material	—	—	—
10-22"	A?	10YR 3/3	10YR 5/8	(very small) inf/mal	silty loam

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: - disturbed, edge of road, fill berm
- no indicators of hydric soil
- fill buried mapped soil unit.

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	
Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>no 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>DNEC - Magnus, Batchelor Niessen</u>	Date: <u>23 Feb 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? <u>area graded/filled recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Community ID: <u>—</u> Transect ID: <u>BT</u> Plot ID: <u>5</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedlings</u>	<u>H</u>	<u>93%</u>	9. _____	_____	_____
2. <u>Encyrtia chrysantha</u>	<u>H</u>	<u>2%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>1%</u>	11. _____	_____	_____
4. <u>Melilotus polymorpha</u>	<u>H</u>	<u>1%</u>	12. _____	_____	_____
5. <u>Hirschfeldia incana</u>	<u>H</u>	<u>1%</u>	13. _____	_____	_____
6. <u>Galium nuttallii</u>	<u>H</u>	<u>1%</u>	14. _____	_____	_____
7. <u>Lactuca serriola</u>	<u>H</u>	<u>1%</u>	15. _____	_____	_____
8. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	16. _____	_____	_____

dom = 20% + ↑

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

Remarks: plot not dominated by hydrophytic veg based on remaining, sprouting, + 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

BT 5

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.
0-14"	Fill	10YR 3/3	—	—	silty clay loam
14-20"	A	10YR 4/2	10YR 5/4	inf/mod	silty clay loam

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: highly disturbed by gradby activities; fill covering hydric soils
low chroma w/ light mottles. — hydric soil indicators present.

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>yes CDFG Jurisdiction</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>Magney, Batchelor, Niessen</u>	Date: <u>23 Feb. 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? <u>grading activities recently burned</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.)	Community ID: <u>—</u> Transect ID: <u>BT</u> Plot ID: <u>6</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Hirschfeldia incana</u>	<u>25%</u>	<u>-H</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>58%</u>	<u>-H</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>5%</u>	<u>-H</u>	11. _____	_____	_____
4. <u>Malva parviflora</u>	<u>2%</u>	<u>-H</u>	12. _____	_____	_____
5. <u>Centauria melitensis</u>	<u>2%</u>	<u>-H</u>	13. _____	_____	_____
6. <u>Medicago polymorpha</u>	<u>2%</u>	<u>-H</u>	14. _____	_____	_____
7. <u>Lupinus sp. florus</u>	<u>1%</u>	<u>-H</u>	15. _____	_____	_____
8. <u>Baccharis salicifolia</u>	<u>100%</u>	<u>FACWS</u>	16. _____	_____	_____

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

Remarks: Plot not dom. by hydrophytic veg. based on remaining, sprouting, and 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 hydrology indicators present</u>	

SOILS

BT 6

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"	Fill	10YR 3/3	—	—	—
12-22"	A	10YR 4/2	10YR 5/4	inf/mod	silty clay loam

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: — highly disturbed by grading — fill material has buried hydric soil
— low chroma / bright mottles.

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 checked="" type="radio"/> No <input type="radio"/> (Circle)	
Remarks: <u>no waters of u.s.</u> <u>yes CDFG Jurisdiction</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>Magney, Batchelor, Niessen</u>	Date: <u>23 Feb. 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? <u>grading activities</u> 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>B4</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Lotus scaberrimus</u>	<u>H</u>	<u>—</u>	9. <u>Malacothrix saxatilis</u>	<u>H</u>	<u>5%</u>
2. <u>Arnica montana</u> seedlings	<u>H</u>	<u>—</u>	10. <u>Chenopodium album</u>	<u>H</u>	<u>FAC 2%</u>
3. <u>Silybum marianum</u>	<u>H</u>	<u>—</u>	11. _____	_____	_____
4. <u>Centaurea melitensis</u>	<u>H</u>	<u>—</u>	12. _____	_____	_____
5. <u>Eucryphia chrysanthemifolia</u>	<u>H</u>	<u>—</u>	13. _____	_____	_____
6. <u>Amsinckia menziesii</u>	<u>H</u>	<u>—</u>	14. _____	_____	_____
7. <u>Sarcocolla aspera</u>	<u>H</u>	<u>FAC 2%</u>	15. _____	_____	_____
8. <u>Salvia leucophylla</u> seedling	<u>H</u>	<u>—</u>	16. _____	_____	_____

tom = 20% + ↑

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, and identifiable plant species.

Confirmed by Atypical Situation Analysis

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 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 hydrology indicators</u>

SOILS

BK 1

Map Unit Name (Series and Phase): Yolo Loam, 2 to 9% slopes Drainage Class: well-drained

Taxonomy (Subgroup): Typic Xerothents Field Observations: Confirm Mapped Type? Yes No

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-4"	A?	10YR 2/1	—	—	mucky loam
4-18"	B ₁	10YR 4/2	—	—	silty clay loam.

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: *but only due to grading activities covering veg*
 - graded area edge. - no hydric soil indicators
 - A horizon not uniform - high organic material from buried veg resulting from grading activities.

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

Remarks: no waters of U.S.
no 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>Moghny, Batahelon, Niessen</u>	Date: <u>23 Feb. 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? grading activities Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>B4</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Annual grass seedling	H	- 62%	9. Cent. melitensis	H	- 4%
2. Ribes sp. seedling	H	- 1%	10. Hirschfeldia incana	H	- 4%
3. Lotus salicifolius	H	- 4%	11. Marah macrocarpa	H	- 4%
4. Medicago polymorpha	H	- 2%	12. _____	_____	_____
5. Sonchus Asper	H	FAC 2%	13. _____	_____	_____
6. Eragrostis chrysanthemi	H	- 1%	14. _____	_____	_____
7. Picris echioides ^{folia}	H	FAC 1%	15. _____	_____	_____
8. Silphium marianum	H	- 15%	16. _____	_____	_____

dom = 20% + ↑

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

Remarks: Plot not dom. by hydrophytic vegetation based on remaining, sprouting, + 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 checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift 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 checked="" 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>
Remarks: <u>indicators of hydrology present</u>	

SOILS

BU2

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-10"	A?	10YR 3/3	(oxidized root channels)		silty clay loam
10-20"	B ₁	10YR 3/3	—	—	silty clay loam

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: — in area of grading.
— no hydric soil indicators present.

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 Jurisdiction</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>Mogney, Batchelor, Niesser</u>	Date: <u>23 Feb 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? <u>grading activities</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BU</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Hirschfeldtiniana</u>	<u>H</u>	<u>- 10%</u>	9. <u>Lotus salsuginosus</u>	<u>H</u>	<u>- 1%</u>
2. <u>Centaurea</u>	<u>H</u>	<u>- 10%</u>	10. <u>Anagallis arvensis</u>	<u>H</u>	<u>FAC 1%</u>
3. <u>Silybum marianum</u>	<u>H</u>	<u>- 20%</u>	11. <u>Eucryptochrysanthemifolia</u>	<u>H</u>	<u>- 1%</u>
4. <u>annual grass seedlings</u>	<u>H</u>	<u>- 49%</u>	12. _____	_____	_____
5. <u>Amselkianzenziesii</u>	<u>H</u>	<u>- 2%</u>	13. _____	_____	_____
6. <u>Lactuca serriola</u>	<u>H</u>	<u>FAC 2%</u>	14. _____	_____	_____
7. <u>Charopodium albin</u>	<u>H</u>	<u>FAC 2%</u>	15. _____	_____	_____
8. <u>Ribes sp. seedling</u>	<u>H</u>	<u>- 2%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, and 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 checked="" type="checkbox"/> Sediment Deposits <u>close by</u></p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input checked="" 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>- drainage channels w/in 1 meter of plot</u> <u>- indicators of hydrology present</u></p>	

SOILS

BU3

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)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	A	10YR3/2	—	—	silty clay loam
8-20"	B	10YR3/3	—	—	silty clay loam

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="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: <u>yes waters of US. yes CDFG Jurisdiction 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>Magnay, Batchelor, Nielsen</u>	Date: <u>23 Feb. 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>grading activities recently burned</u>	Community ID: <u>—</u> Transect ID: <u>B4</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>- 60%</u>	9. _____	_____	_____
2. <u>Silphium marianum</u>	<u>H</u>	<u>- 5%</u>	10. _____	_____	_____
3. <u>Hirschfeldia incana</u>	<u>H</u>	<u>- 2%</u>	11. _____	_____	_____
4. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 3%</u>	12. _____	_____	_____
5. <u>Centaurea melitensis</u>	<u>H</u>	<u>- 30%</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, + 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 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>
Remarks: <u>no hydrology indicators present</u>	

SOILS

BU4

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Moisture Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	Road	fill	—	—	Road fill
8-20"	A?	10YR 3/2	10YR 5/8	inf/mod	silty clay loam
—	—	—	2.5YR 3/4	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 / high contrast mottles.
- hydric soil indicators present

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	
Hydric Soils Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Circle)	
Remarks: <u>no waters of U.S.</u> <u>yes CDFS</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>Magney, Batchelor, Niessen</u>	Date: <u>23 Feb. 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? <u>grading activities recently burned</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.)	Community ID: <u> </u> Transect ID: <u>BV</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Hirschfeldia incana</u>	<u>H</u>	<u>23%</u>	9. <u>Lotus silviginosus</u>	<u>H</u>	<u>2%</u>
2. <u>Eucalyptus chrysantha</u>	<u>H</u>	<u>3%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>15%</u>	11. _____	_____	_____
4. <u>Annual grass seedlings</u>	<u>H</u>	<u>50%</u>	12. _____	_____	_____
5. <u>Adenostoma fasciculata</u>	<u>S</u>	<u>100%</u>	13. _____	_____	_____
6. <u>Amorpha menziesii</u>	<u>H</u>	<u>5%</u>	14. _____	_____	_____
7. <u>Taraxicum sp.</u>	<u>H</u>	<u>FACW 1%</u>	15. _____	_____	_____
8. <u>Ceanothus sp.</u>	<u>H</u>	<u>1%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, and 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

BV1

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

Taxonomy (Subgroup): Typic Xerorthents

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	—	—	Silty clay loam

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: top 2" scattered mucky loam 10YR 2/1
- in edge of grading area. - no hydric soil indicators.

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>		

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>Magney, Batchelor, Niesser</u>	Date: <u>23 Feb 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 type="radio"/> Yes <input checked="" type="radio"/> No Is the area a potential Problem Area? <u>grading activities</u> <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>BV</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>— 10%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>— 78%</u>	10. _____	_____	_____
3. <u>Hirschfeldia incana</u>	<u>H</u>	<u>— 5%</u>	11. _____	_____	_____
4. <u>Centauria melitensis</u>	<u>H</u>	<u>— 5%</u>	12. _____	_____	_____
5. <u>Medicago polymorpha</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-): 0%

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, and identifiable plant species.

Confirmed by Atypical Situation Analysis

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>___ Drift Lines</p> <p>___ 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>___ Other (Explain in Remarks)</p>
Remarks: <u>no indicators of hydrology</u>	

SOILS

BV2

Map Unit Name (Series and Phase): Castaic-Baloom Silty Clay Loam ^{30 to 50% slopes, eroded}
 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.
0-8"		<u>Fill Material</u>		—	—
8-20"	<u>A</u>	<u>10YR4/2</u>	—	—	<u>silty clay loam.</u>
20-26"	<u>B₁</u>	<u>10YR4/3</u>	<u>10YR5/8</u>	<u>inf/low</u>	<u>loam</u>

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: no hydric soil indicators present
grading activities evident, but mapped soil unit is still present

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input checked="" type="radio"/> No
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No	
Hydric Soils Present? Yes <input checked="" type="radio"/> No	
Remarks: <u>no waters of U.S.</u> <u>no CDEG</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 / Karamount</u> Investigator: <u>Magnez, Batchelor, Niessen</u>	Date: <u>23 Feb. 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>grading activities recently burned</u>	Community ID: <u> </u> Transect ID: <u>BV</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum maritimum</u>	<u>H</u>	<u>20%</u>	9. _____	_____	_____
2. <u>Hirschfeldia incana</u>	<u>H</u>	<u>10%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. <u>Amsinckia menziesii</u>	<u>H</u>	<u>2%</u>	12. _____	_____	_____
5. <u>Medicago polymorpha</u>	<u>H</u>	<u>2%</u>	13. _____	_____	_____
6. <u>Cent. mellifensis</u>	<u>H</u>	<u>5%</u>	14. _____	_____	_____
7. <u>Annual grass seedling</u>	<u>H</u>	<u>60%</u>	15. _____	_____	_____
8. <u>Laminium complexicaule</u>	<u>H</u>	<u>1%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, and 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: <u>Scour marks in well defined channel. indicators of hydrology present.</u>

SOILS

BV3

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam ^{30 to 50% slopes eroded}
 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.
0-8"	A	10YR 3/3	—	—	silty clay loam
8-14"	B ₁	10YR 3/2	—	—	loam
14-20"	B ₂	10YR 3/2	10YR 5/8	inf/mod	loam

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:
 - in graded area.
 - low chroma colors / bright mottles
 - hydric soil indicators present

WETLAND DETERMINATION

Hydrophytic Vegetation 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"/> (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"/>	
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>Magney, Batchelor, Niessen</u>	Date: <u>23 Feb 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? <u>grading activities recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Community ID: <u> </u> Transect ID: <u>BV</u> Plot ID: <u>9</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Erodium cicutarium</u>	<u>H</u>	<u>- 2%</u>	9. _____	_____	_____
2. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 5%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>- 5%</u>	11. _____	_____	_____
4. <u>Hirschfeldia incana</u>	<u>H</u>	<u>- 10%</u>	12. _____	_____	_____
5. <u>Annual grass seedling</u>	<u>H</u>	<u>- 71%</u>	13. _____	_____	_____
6. <u>Centaurea melitensis</u>	<u>H</u>	<u>- 5%</u>	14. _____	_____	_____
7. <u>Laminium simplex</u>	<u>H</u>	<u>- 1%</u>	15. _____	_____	_____
8. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC 1%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, + 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 hydrology indicators.</u></p>	

SOILS

BV4

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

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/3	—	—	silty clay loam
18-24"	B ₁	10YR 4/2	—	—	silty clay loam

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: - graded area at edge of road.
- 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 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</u> <u>no CDFs</u> <u>no wetland</u>	

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

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>23 Feb 04</u>
Applicant/Owner: <u>Western Pacific Housing / Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magney, Batchelor, Niessen</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>BW</u>
Is the area a potential Problem Area? <u>grading activities recently burned</u> Yes <input checked="" type="radio"/> No <input type="radio"/>	Plot ID: <u>1</u>
(If needed, explain on reverse.)	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedlings</u>	<u>H</u>	<u>7%</u>	9. _____	_____	_____
2. <u>Clarkia sp.</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Lotus salsuginosus</u>	<u>H</u>	<u>80%</u>	11. _____	_____	_____
4. <u>Adinostoma fasciculata</u>	<u>S</u>	<u>100%</u>	12. _____	_____	_____
5. <u>Eriophyllum confertiflorum</u>	<u>H</u>	<u>1%</u>	13. _____	_____	_____
6. <u>Salvia leucophylla</u>	<u>H</u>	<u>4%</u>	14. _____	_____	_____
7. <u>Ceanothus sp.</u>	<u>H</u>	<u>2%</u>	15. _____	_____	_____
8. <u>Malacothrix saxatilis</u>	<u>H</u>	<u>1%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg, based on remaining, sprouting, and 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 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

BW1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded
 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.
0-20"	A	10YR 4/3	—	—	silty clay loam

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

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: no waters
no 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>Magney, Batache lor, Niessen</u>	Date: <u>23 Feb 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? <u>grading activities</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BW</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Eucrypta chrysanthemifolia</u>	<u>H</u>	<u>- 68%</u>	9. _____	_____	_____
2. <u>Amsinckia menziesii</u>	<u>H</u>	<u>- 3%</u>	10. _____	_____	_____
3. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC 5%</u>	11. _____	_____	_____
4. <u>Marah macrocarpus</u>	<u>H</u>	<u>- 10%</u>	12. _____	_____	_____
5. <u>Annual grass seedling</u>	<u>H</u>	<u>- 2%</u>	13. _____	_____	_____
6. <u>Lotus salsuginosus</u>	<u>H</u>	<u>- 1%</u>	14. _____	_____	_____
7. <u>Clarkia sp.</u>	<u>H</u>	<u>- 1%</u>	15. _____	_____	_____
8. <u>Hirschfeldia incana</u>	<u>H</u>	<u>- 5%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, + identifiable plant species.

Confirmed by Atypical Situation analysis

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.)</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 ___ Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks ___ Drift Lines <input checked="" type="checkbox"/> 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>
<p>Remarks: <u>- in channel (well defined, narrow)</u> <u>- indicators of hydrology present</u></p>	

SOILS

BW2

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loams 30 to 50% slopes, eroded.
 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.
0-14"	A	10YR 3/3	10YR 5/8	abundant/mod	loamy sand
14-20"	B	10YR 4/3	—	—	silty clay loam

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

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle)	(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"/>	
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 Jurisdiction</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>Magney, Batchelor, Niessen</u>	Date: <u>23 Feb. 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 type="radio"/> Yes <input checked="" type="radio"/> No Is the area a potential Problem Area? <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.) grading activities recently burned	Community ID: <u> </u> Transect ID: <u>BW</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Euryptera chrysanthemifolia</u>	<u>H</u>	<u>- 10%</u>	9. _____	_____	_____
2. <u>Hieracifolium incana</u>	<u>H</u>	<u>- 10%</u>	10. _____	_____	_____
3. <u>Manis macrocarpus</u>	<u>H</u>	<u>- 10%</u>	11. _____	_____	_____
4. <u>Amschickia menziesii</u>	<u>H</u>	<u>- 2%</u>	12. _____	_____	_____
5. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC 2%</u>	13. _____	_____	_____
6. <u>Annual grass seedling</u>	<u>H</u>	<u>- 59%</u>	14. _____	_____	_____
7. <u>Sitona marianum</u>	<u>H</u>	<u>- 5%</u>	15. _____	_____	_____
8. <u>Centaurea melitensis</u>	<u>H</u>	<u>- 4%</u>	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, and 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>
Remarks: <u>no hydrology indicators</u>	

SOILS

BW3

30 to 50% slopes, eroded.

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loams 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.
0-8"	A	10YR 4/3	10YR 5/8	freq/mod.	silty sand
8-22"	B	10YR 4/2	10YR 5/8	inf/mod	loam

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:
 - just above edge of graded area.
 - low chroma / bright mottles. - soils 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 checked="" type="radio"/> No <input type="radio"/>	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>

Remarks:
 no waters of U.S.
 yes CDFG Jurisdiction
 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>Magnay, Batchelor, Niesser</u>	Date: <u>23 Feb. 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? <u>grading activities</u> 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>BW</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedling</u>	<u>H</u>	<u>74%</u>	9. _____	_____	_____
2. <u>Silybum marianum</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Hirschfeldia incana</u>	<u>H</u>	<u>5%</u>	11. _____	_____	_____
4. <u>Centaurium melitense</u>	<u>H</u>	<u>5%</u>	12. _____	_____	_____
5. <u>Lotus salsuginosus</u>	<u>H</u>	<u>1%</u>	13. _____	_____	_____
6. <u>Marah macrocarpus</u>	<u>H</u>	<u>10%</u>	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: Plot not dominated by hydrophytic veg. based on remaining, sprouting, and 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 hydrology indicators.</u>	

SOILS

BW4

30 to 50% slopes, eroded.

Map Unit Name (Series and Phase): Castaic-Balcon Silty Clay Loams 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"	Fill	10YR 3/3	—	—	grayell loam w/ buried organic plant material

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: All fill, no hydric^{soil} indicators

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. no CDFG Jurisdiction 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>Magney, Batchelor, Niesser</u>	Date: <u>23 Feb. 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? <u>grading activities</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BX</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Toraxecum officinale</u>	<u>H</u>	<u>FACW</u>	2%	9. <u>Centaurium melitensis</u>	<u>H</u> - 40%
2. <u>Hirschfeldia incana</u>	<u>H</u>	<u>—</u>	3%	10. <u>Rhus trilobata</u>	<u>S</u> NI 40%
3. <u>Erodium cicutarium</u>	<u>H</u>	<u>—</u>	2%	11. <u>Lupinus sparsiflorus</u>	<u>H</u> - 2%
4. <u>Marah macrocarpus</u>	<u>H</u>	<u>—</u>	10%	12. <u>Picris echioides</u>	<u>H</u> FAC 2%
5. <u>Malacothrix saxatilis</u>	<u>H</u>	<u>—</u>	2%	13. <u>Annual grass</u>	<u>H</u> - 2%
6. <u>Silybum marianum</u>	<u>H</u>	<u>—</u>	30%	14. <u>seedlings</u>	
7. <u>Medicago polymorpha</u>	<u>H</u>	<u>—</u>	5%	15. _____	
8. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC</u>	60%	16. _____	

lom = 20% + ↑

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

Remarks: Plot not dominated by hydrophytic veg based on remaining, sprouting, + 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 hydrology in ditches.</u>

SOILS

BX 1

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loams, 30 to 50% slopes, eroded.
 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 3/2	—	—	clay loam

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 indicators

loams

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 Jurisdiction</u> <u>no wetland</u>	