

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

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>19 Dec 2003</u>
Applicant/Owner: <u>Western Pacific Housing / Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magney, Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>—</u>
Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No	Transect ID: <u>I</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/>	Plot ID: <u>11</u>
(If needed, explain on reverse.) <u>recently burned</u>	

. 34.36543°N, 118.56483°W; 1,353 ft. elev.

VEGETATION

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

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining 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>
<p>Remarks: <u>no indicators of hydrology</u></p>	

I 11

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% slopes Drainage Class: well-drained  
 Taxonomy (Subgroup): Typic Xerothents 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	—	—	Silty sand

Hydric Soil Indicators:

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

Remarks:

soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <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:

no waters of U.S.  
 no 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, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>1</u>

.34.36488°N, 118.56466°W; 1,343 ft. elev.

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>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	10. _____	_____	_____
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining 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	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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)
<b>Field Observations:</b> 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

J 1

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-16"	A	10YR3/3	—	—	Silty sand

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

Remarks: no waters of U.S.  
NO 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>Mogney, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>2</u>

34.36491°N, 118.56480°W; 1,353 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Melica polynopis</u>	<u>H</u>	<u>10%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>80%</u>	10. _____	_____	_____
3. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	11. _____	_____	_____
4. <u>Erophium cicutarium</u>	<u>H</u>	<u>10%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom = 20%  
or ↑

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

33%

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining and 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"/> 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>
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Remarks: no indicators of hydrology

J2

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-12"	A <sub>1</sub>	10YR 3/3	—	—	Gravelly Silty sand
12-22"	B <sub>1</sub>	10YR 3/2	—	—	Silty sand

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

Remarks: no waters of U.S.  
NO 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>Mogney, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓</span> <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>3</u>

34.36498°N, 118.56489°W; 1,358 ft. elev.

VEGETATION

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

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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)
<b>Field Observations:</b> Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	<b>Remarks:</b> <u>no indicators of hydrology.</u>

SOILS

J3

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-16"	A	10YR 3/3	—	—	Gravelly silty sand
16-24"	B <sub>1</sub>	10Y 3/2	—	—	Silty sand

Hydric Soil Indicators:

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

Remarks:

soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present?  Yes  No (Circle)  
 Wetland Hydrology Present?  Yes  No (Circle)  
 Hydric Soils Present?  Yes  No (Circle)

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

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>Mogney, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓</span> <u>recently burned</u>	Community ID: <u>    </u> Transect ID: <u>J</u> Plot ID: <u>4</u>

34.36499°N, 118.56492°W; 1,364 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Distichlis spicata</u>		<u>H FACW 100%</u>	9. _____		
2. <u>Sambucus mexicana</u>		<u>S FAC 100%</u>	10. _____		
3. <u>Salix laevigata</u>		<u>T FACW 100%</u>	11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

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

Remarks: All vegetation burned and/or unidentifiable  
Plot dominated by hydrophytic veg based on remaining and ident. 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	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u> <input type="checkbox"/> Drainage Patterns in Wetlands <b>Secondary Indicators (2 or more required):</b> <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input checked="" 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 Pft: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>in ill-defined channel - hydrology present</u>

J4

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-18"	A	10YR 3/3	—	—	Gravelly silty sand
18-24"	B <sub>1</sub>	10YR 3/4	5YR 5/8	low/medium	Fine silty sand

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: 0-18" = Riverwash materials - fluviually deposited sediments - covering soil horizon w/ bright mottles - hydric soil indicators present.

WETLAND DETERMINATION

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

Approved by HQUSACE J/92

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, Niessen, Brenner</u>	Date: <u>19 Dec. 03</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.) <span style="margin-left: 100px;">recently burned</span>	Community ID: <u>      </u> Transect ID: <u>5</u> Plot ID: <u>5</u>

34.36500°N, 118.56494°W; 1,356 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual Grass seedlings</u>	<u>H</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 100%</u>	10. _____	_____	_____
3. <u>Salix laevigata</u>	<u>T</u>	<u>FACW 100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All veg burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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"/> Dnft Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: edge of +/- defined channel/floodplain  
- hydrology indicators present

J5

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-4"	A <sub>1</sub>	10YR 3/3	—	—	gravelly silty sand
14-24"	B <sub>1</sub>	10YR 3/2	5YR 5/8	moderate/moderate	gravelly silty sand

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 color with bright mottles  
- hydric soil present

WETLAND DETERMINATION

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

Approved by HQUSACE 3/92

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, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>6</u>

34.36501°N, 118.56498°W; 1,357 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salix laevigata</u>	<u>T</u>	<u>FACW 80%</u>	9. _____	_____	_____
2. <u>Populus fremontii</u>	<u>T</u>	<u>FACW 20%</u>	10. _____	_____	_____
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>— 100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom=20%  
or ↑

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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: <b>Primary Indicators:</b> <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u> <input type="checkbox"/> Drainage Patterns in Wetlands <b>Secondary Indicators (2 or more required):</b> <input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input checked="" 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: - +/- defined channel  
- "soil horizons" result of sequential sediments depositions  
- hydrology indicators present.

J6

SOILS

Map Unit Name (Series and Phase): Yolo Loom, 2-9% slopes 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.
0-7"	A	10YR 3/4	—	—	gravelly silty sand
7-11"	B?	—	—	—	gravelly sand
11-14"	C?	10YR 3/4	5YR 5/8	—	fine silty sand
14-22"	D	10YR 3/6	very faint mottling that is lost with touch	—	fine sand

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 checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: - soil horizons appear to be result of sequential fluvial depositions - riverwash  
 - very faint mottling buried below riverwash

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Remarks: 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>Magnus, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓</span> <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>7</u>

34.36502°N, 118.56502°W; 1,354 Ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salix lasiolepis</u>	T	FACW 80%	9. _____	_____	_____
2. <u>Populus fremontii</u>	T	FACW 20%	10. _____	_____	_____
3. <u>Annual grass seedling</u>	H	— 100%	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom=20%  
or ↑

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

Remarks: All veg burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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>— Odf Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u></p> <p>— 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>— Water-Stained Leaves</p> <p>— Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: — +/- defined channel.  
— hydrology indicators present





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, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>8</u>

34.36504°N, 118.56511°W; 1,356 ft. elev.

VEGETATION

OM=20%  
or ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Salix laevigata</u>	<u>T</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. <u>Baccharis solictifolia</u>	<u>S</u>	<u>FACW 90%</u>	10. _____	_____	_____
3. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 10%</u>	11. _____	_____	_____
4. <u>Annual grass seedlings</u>	<u>H</u>	<u>— 100%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining and 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"/> Onft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input 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 checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: hydrology indicator present

J8

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-6"	A	10YR 3/4	oxidized root	channels	silt
6-15"	B <sub>1</sub>	10YR 3/3	oxidized root	channels	fine sandy silt
15-20"	B <sub>2</sub>	10YR 3/3	mottling but can't get color, very faint		fine sandy silt

Hydric Soil Indicators:

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

Remarks: No indicators of hydric soils present.  
 → B<sub>1</sub> and B<sub>2</sub> differ in that B<sub>2</sub> lacks roots and oxidized root channels, and B<sub>2</sub> has faint mottling.

→ B<sub>2</sub> also has slightly different texture (less compacted)

WETLAND DETERMINATION

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

Remarks: Yes 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>Magney, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>9</u>

34.36508°N, 118.56520°W; 1,357 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis californica</u>	<u>S</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>80%</u>	10. _____	_____	_____
3. <u>Heliotropium curassavicum</u>	<u>H</u>	<u>OBL 20%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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: <b>Primary Indicators:</b> <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands <b>Secondary Indicators (2 or more required):</b> <input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input checked="" 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: hydrology indicator present - oxidized root channels top 6"

dom = 20%  
or ↑

J9

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-16"	A	10YR 3/3	(oxidized root channels)		gravelly sandy silt
16-32"	B	10YR 3/3			sandy silt

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Wetland Hydrology Present? <input checked="" type="radio"/> Yes <input type="radio"/> No	
Hydric Soils Present? <input type="radio"/> Yes <input checked="" type="radio"/> No	
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</u> Investigator: <u>Magnay, Batchelor, Nriessen, Branner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>J</u> Plot ID: <u>10</u>

34.36513°N, 118.56525°W; 1,358 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>		<u>SEAW 100%</u>	9. _____		
2. <u>Annual grass seedlings</u>		<u>H - 100%</u>	10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg. based on remaining and identifiable plant species.

\* Atypical situation analysis determines Plot to be Baccharis dom vegetation dom by hyd veg. (no dom by annual grasses prior to fire)

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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: no indicators of hydrology.

J10

SOILS

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

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-4"	A <sub>1</sub>	10YR 3/3	—	—	gravelly silty sand
14-22"	B <sub>1</sub>	10YR 3/3	—	—	sandy silt

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

Atypical Determination

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/>
Wetland Hydrology Present? Yes <input checked="" type="radio"/> No <input type="radio"/>	
Hydric Soils Present? Yes <input checked="" type="radio"/> No <input 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>Lyon Canyon Ranch</u>	Date: <u>19 Dec 03</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magny, Batahelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>—</u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>K</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>I</u>

34.36449°N, 118.56551°W; 1,362 ft. elev.

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>Annual grass seedlings</u>	<u>H</u>	<u>100</u>	10. _____	_____	_____
3. <u>Phoradendron villosum</u>	<u>S</u>	<u>100</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable. Plot not dominated by hydrophytic veg based on remaining and 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"/> 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>
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Remarks: No indicators of hydrology





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>Magnus, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>K</u> Plot ID: <u>2</u>

34.36454°N, 118.56552°W; 1,362 Ft. elev.

VEGETATION

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

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

Remarks: All veg burned and/or unidentifiable.  
Plot not dom by hydrophytic veg based on remaining 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"/> 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>
<p>Remarks: <u>no indicators of hydrology</u></p>	

K2

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% slopes 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.
0-6"	fill	material from adjacent road			
6-20"	A	10YR 3/3	-	-	silty sand

Hydric Soil Indicators:

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

Remarks: soil non-hydric confirmed map soil type is covered by <sup>old</sup> layer of road fill.

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>	Date: <u>19 Dec 03</u>
Applicant/Owner: <u>Western Pacific Housing/Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magney, Batchelor, Nriessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>—</u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>K</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>3</u>

34.36459°N, 118.56555°W; 1,360 ft. elev.

VEGETATION

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

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining and 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 checked="" type="checkbox"/> Sediment Deposits <u>Overwash</u></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 checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: 1/2 defined channel hydrology present

K3

SOILS

Map Unit Name (Series and Phase): Ydo Loam, 2-9% 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.
0-20"	A	—	—	—	sand

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 checked="" type="checkbox"/> Other (Explain in Remarks)

Remarks: Riverwash - fluviially deposited sediments covering soil horizons.

WETLAND DETERMINATION

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

Remarks: 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>Magnay, Batchelor, Nicssen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓</span> <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>K</u> Plot ID: <u>4</u>

31.36465°N, 118.56555°W ; 1,358 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual Grass seedling</u>	<u>H</u>	<u>100%</u>	9. _____	_____	_____
2. <u>Baccharis salicifolia</u>	<u>S FACW</u>	<u>100%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

50%\*

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining and identifiable plant species.

\* Atypical situation analysis determines Plot to be dom by hyd veg. (no dom by annual grasses prior to fire)  
 Salix + Sambucus present prior to fire

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>	<p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input checked="" type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Dnft Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u></p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>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>	

Remarks:

± defined channel hydrology present

K4

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-20"	A <sub>1</sub>	—	—	—	gravelly sand

- 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: Riverwash - fluvially deposited sediments covering soil horizons.

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 the U.S.  
yes CDFG Jurisdiction  
yes wetland

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

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>19 Dec. 03</u>
Applicant/Owner: <u>Western Pacific Housing / Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magnay, Patchelor, Nriesset, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: _____
Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No	Transect ID: <u>K</u>
Is the area a potential Problem Area? <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u>	Plot ID: <u>S</u>

34. 36467°N, 118.56555°W; 1,360 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Q agrifolia</u>	<u>T</u>	<u>100%</u>	9. _____	_____	_____
2. <u>B salicifolia</u>	<u>S FACW</u>	<u>100%</u>	10. _____	_____	_____
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

33%\*

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining and identifiable plant species.

\* Atypical situation analysis determines plot to be dom. by hyd. veg. (Sambucus + Salix likely present prior to fire)

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 Pft: _____ (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 checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u></p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>1/2 defined channel hydrology present</u></p>	





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

Project/Site: <u>Lyons Canyon Ranch</u>	Date: <u>19 Dec 03</u>
Applicant/Owner: <u>Western Pacific Housing / Paramount</u>	County: <u>Los Angeles</u>
Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u>	State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>      </u>
Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: <u>K</u>
Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.)	Plot ID: <u>6</u>

↓  
recently burned

34.36478°N, 118.56560°W; 1,360 ft. elev.

VEGETATION

dom = 20%  
or ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>80%</u>	10. _____	_____	_____
3. <u>Lactuca serriola</u>	<u>H</u>	<u>FAC 20%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All veg burned and/or unidentifiable.  
Plot dominated by hydrophytic veg based on remaining 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"/> Dnft Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>- hydrology present</u>  <u>- within +/- defined channel</u></p>	

K6

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% slopes Drainage Class: well-drained  
 Taxonomy (Subgroup): Typic Xerocherts 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.
0-24"	A	10YR 3/3	—	—	gravelly silty sand

**Hydric Soil Indicators:**

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

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	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 (Circle)	
Hydric Soils Present? <input type="radio"/> Yes <input checked="" type="radio"/> No (Circle)	
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>Magnus, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓ recently burned</span>	Community ID: <u>—</u> Transect ID: <u>K</u> Plot ID: <u>7</u>

34-36481°N, 118.56562°W; 6,355 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Heterotheca grand.</u>	<u>H</u>	<u>— 20%</u>	9. _____	_____	_____
2. <u>Annual grass</u>	<u>H</u>	<u>— 60%</u>	10. _____	_____	_____
3. <u>Lactuca scariola</u>	<u>H FAC</u>	<u>10%</u>	11. _____	_____	_____
4. <u>Eriogonum setigerum</u>	<u>H</u>	<u>— 10%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

dom = 20%  
or ↑

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

Remarks: All veg. burned and/or unidentifiable, but several seedlings sprouting. Plot not dominated by hydrophytic veg. based on remaining 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	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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)
<b>Field Observations:</b>  Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	
Remarks: <u>no indicators of hydrology</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, Niessen, Brenner</u>	Date: <u>19 Dec 03</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.) <span style="margin-left: 100px;">↓</span> <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>K</u> Plot ID: <u>8</u>

(missing coordinates for this pit)

VEGETATION

Dominant Plant Species	Stratum	Indicator	%	
1. <u>Heliotropium curassivicum</u>	<u>H</u>	<u>OBL</u>	<u>8%</u>	9. _____
2. <u>Datura wrightii</u>	<u>H</u>	<u>—</u>	<u>10%</u>	10. _____
3. <u>Chenopodium album</u>	<u>H</u>	<u>FAC</u>	<u>2%</u>	11. _____
4. <u>Annual grass seedlings</u>	<u>H</u>	<u>—</u>	<u>80%</u>	12. _____
5. _____	_____	_____	_____	13. _____
6. _____	_____	_____	_____	14. _____
7. _____	_____	_____	_____	15. _____
8. _____	_____	_____	_____	16. _____

dom = 20%  
or ↑

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

Remarks: All vegetation burned and/or unidentifiable. Plot not dominated by hydrophytic veg based on remaining and identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other <input checked="" type="checkbox"/> No Recorded Data Available	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> ___ Inundated ___ Saturated in Upper 12 Inches ___ Water Marks ___ Drift Lines ___ Sediment Deposits ___ Drainage Patterns in Wetlands <b>Secondary Indicators (2 or more required):</b> ___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
<b>Field Observations:</b>  Depth of Surface Water: _____ (in.)  Depth to Free Water in Pit: _____ (in.)  Depth to Saturated Soil: _____ (in.)	
Remarks: <u>no indicators of hydrology — upland site</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, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>L</u> Plot ID: <u>1</u>

34.36475°N, 118.56660°W; 1,368 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>S</u>	<u>— 100%</u>	9. _____	_____	_____
2. <u>Lactuca serriola</u>	<u>H</u>	<u>FAC 10%</u>	10. _____	_____	_____
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>— 90%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable. Plot not dominated by hydrophytic veg based on remaining 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: <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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>	

dom = 20%  
or ↑

L1

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.
0-20"	A <sub>1</sub>	10YR 3/3	—	—	gravelly silty sand

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input checked="" type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input checked="" type="radio"/> No (Circle)
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 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>Magnay, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>L</u> Plot ID: <u>2</u>

34.36480°N, 118.56658°W ; 1,365 ft. elev.

VEGETATION

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

dom = 20%  
or ↑

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

Remarks: All vegetation burned / unidentifiable.  
Plot dominated by hydrophytic veg based on remaining + 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>	<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>Field Observations:</p> <p>Depth of Surface Water: _____ (In.)</p> <p>Depth to Free Water in Pft: _____ (In.)</p> <p>Depth to Saturated Soil: _____ (In.)</p>	

Remarks: no indicators of hydrology



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, Niessen/Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently burned</u>	Community ID: <u>—</u> Transect ID: <u>L</u> Plot ID: <u>3</u>

34.36490°N, 118.56656°W; 1,364 ft. elev.

VEGETATION

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

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

Remarks: All vegetation burned and/or unidentifiable. Plot not dominated by hydrophytic veg based on remaining 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: <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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>	

L3

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-22"	A	10YR 3/3	—	—	Silty sand

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

Remarks: no waters of U.S.  
NO 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>Maghey, Batchelor, Niessen, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>2</u> Plot ID: <u>4</u>

34.36509°N, 118.56653°W; 1,362 ft. elev.

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>Sambucus mexicana</u>	<u>S</u>	<u>100%</u>	10. _____	_____	_____
3. <u>Annual grass seedlings</u>	<u>H</u>	<u>100%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

Remarks: All vegetation burned and/or unidentifiable.  
Plot not dominated by hydrophytic veg based on remaining + identifiable plant species.

Confirmed by Atypical situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	<b>Wetland Hydrology Indicators:</b> <b>Primary Indicators:</b> <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 <b>Secondary Indicators (2 or more required):</b> <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)
<b>Field Observations:</b>  Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	
Remarks: <u>no indicators of hydrology</u>	

L4

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-8"	A	10YR 3/2	—	—	Gravelly Silty Sand
8-22"	B	10YR 3/3	—	—	Silty Sand

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes <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>		

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, Niesse, Brenner</u>	Date: <u>19 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>6</u> Plot ID: <u>5</u>

34.86513°N, 118.56654°W; 1,362 ft. elev.

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Quercus agrifolia</u>	<u>T</u>	<u>80%</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC 80%</u>	10. _____	_____	_____
3. <u>Salix lasiolepis</u>	<u>T</u>	<u>FACW 20%</u>	11. _____	_____	_____
4. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 20%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 75%

Remarks: All vegetation burned and/or unidentifiable. Plot dominated by hydrophytic veg based on remaining and 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"/> Drift Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits Riverwash</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>defined channel hydrology present</u></p>	

L5

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% 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.
0-24"	A	—	—	—	gravelly sand.

**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: Riverwash - fluvially deposited sediments.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?  Yes  No (Circle)

Wetland Hydrology Present?  Yes  No

Hydric Soils Present?  Yes  No

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

Remarks: Yes waters of U.S.  
Yes CDFg Jurisdiction  
yes wetland

Approved by HQUSACE 3/92