

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brether</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>X</u> Plot ID: <u>2</u>

VEGETATION

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

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

Remarks: Burned veg and new seedlings mostly 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	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input checked="" type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Dnft Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>in well-defined channel hydrology present</u>

X2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 30 to 50% slopes, eroded. Field Observations
 Taxonomy (Subgroup): Typic Xerortherms 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	10YR 5/8	moderate/high	rocky gravelly silt.
			10R 3/6	low/low	

Hydric Soil Indicators:

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

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

WETLAND DETERMINATION

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

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

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Rhus ovata</u>	<u>S</u>	<u>95%</u>	9. _____	_____	_____
2. <u>Artemisia californica</u>	<u>S</u>	<u>5%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis.

HYDROLOGY

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

X3

SOILS

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A ₁	10YR 3/3	10YR 5/8	mod/mod	rocky gravelly silt
		—	10YR 6/2	h ^f /high	—

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

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
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</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>-</u> Transect ID: <u>Y</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Hazardia squarrosa</u>	<u>S</u>	<u>- 100%</u>	9. _____	_____	_____
2. <u>Chlorogalum pomeridianum</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-): 0%

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

Confirmed by Atypical Situation analysis

HYDROLOGY

<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Odf Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input 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: <p style="text-align: center;"><u>No indicators of hydrology</u></p>

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SOILS

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

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

Hydric Soil Indicators:

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

Remarks: soil hydric -
Low chroma color with bright mottles

WETLAND DETERMINATION

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

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Project/Site: <u>Lions Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing</u> Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>1</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>80%</u>	9. _____	_____	_____
2. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW</u>	10. _____	_____	_____
3. <u>Annual grass seedling</u>	<u>H</u>	<u>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-): 33%

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

SOILS

Y2

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerothents Field Observations Confirm Mapped Type? Yes No

30 to 50% slopes, eroded

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 5/3	10YR 5/6	high/moderate (mottles small)	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

DATA FORM
 ROUTINE WETLAND DETERMINATION
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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Nirssen, Brenner</u>	Date: <u>28 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>4</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Artemisia californica</u>	<u>SS</u>	<u>100%</u>	9. _____		
2. _____			10. _____		
3. _____			11. _____		
4. _____			12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			18. _____		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

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SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-20"	A	10YR3/3	10YR5/4	moderate/moderate	silt.

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Bachelor, Nielsen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)	Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/>
Community ID: _____ Transect ID: <u>2</u> Plot ID: <u>1</u>	

VEGETATION

dom = 20%
+ ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus cordensis</u>	<u>H</u>	<u>FACW</u>	9. _____	_____	_____
2. <u>Sambucus mexicana</u>	<u>S</u>	<u>FAC</u>	10. _____	_____	_____
3. <u>Lupinus sparsif?</u>	<u>H</u>	_____	11. _____	_____	_____
4. <u>Silybum marianum</u>	<u>H</u>	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Z1

SOILS

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR3/3	10YR5/8	moderate/moderate	silt.

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing / Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>7</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>- 50%</u>	9. _____	_____	_____
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 40%</u>	10. _____	_____	_____
3. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>- 10%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical situation analysis

HYDROLOGY

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

22

SOILS

Map Unit Name (Series and Phase): Costaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, terraced 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	10YR 5/8	low/low	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Pasadena</u> Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>2</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 60</u>	9. _____	_____	_____
2. <u>Rhus ovata</u>	<u>S</u>	<u>— 100</u>	10. _____	_____	_____
3. <u>Lupinus sarsiflorus</u>	<u>H</u>	<u>— 10</u>	11. _____	_____	_____
4. <u>Silybum marianum</u>	<u>H</u>	<u>— 30</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

23

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-18"	A	10YR3/3	10YR5/8	low/low	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)	Is this Sampling Point Within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (Circle)
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: <u>yes waters of U.S. yes CDFS 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/Bromount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BA</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 90%</u>	9. _____	_____	_____
2. <u>Artemisia californica</u>	<u>S</u>	<u>100%</u>	10. _____	_____	_____
3. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>10%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

BA 2

SOILS

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

30 to 50% slopes, eroded

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

Hydric Soil Indicators:

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

Remarks: soil hydric
- low chroma color with bright mottles

WETLAND DETERMINATION

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

Remarks: no waters of U.S.
yes CDFG
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/Promount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u> </u> Transect ID: <u>BA</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silphium marianum</u>	<u>H</u>	<u>20%</u>	9. _____	_____	_____
2. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>80%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

BA2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations: 30 to 50% slopes, eroded 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	10YR2 4/2	10YR2.5/8	low/moderate	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 hydric - low chroma colors with bright mottles

WETLAND DETERMINATION

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>28 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: _____ Transect ID: <u>BA</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sambucus mexicana</u>	<u>T</u>	<u>FAC 100%</u>	9. _____	_____	_____
2. <u>Leymus condensatus</u>	<u>H</u>	<u>FACW 90%</u>	10. _____	_____	_____
3. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>10%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

BA3

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom silty clay loam Drainage Class: well-drained
 Taxonomy (Subgroup): 30 to 50% slopes, eroded Field Observations: Typic Xerorhents 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.
0-18"	A	10YR2.4/2	10YR5/8	low/moderate	silt

Hydric Soil Indicators:

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

Remarks: soil hydric - low chroma colors w/ bright mottles.

WETLAND DETERMINATION

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)	Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> <div style="text-align: center; margin-top: 10px;">↓ recently burned</div>
Community ID: <u> </u> Transect ID: <u>BB</u> Plot ID: <u>1</u>	

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Verbena lasiostachys</u>	<u>H</u>	<u>FAC- 5%</u>	9. _____	_____	_____
2. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 25%</u>	10. _____	_____	_____
3. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 40%</u>	11. _____	_____	_____
4. <u>Annual grass seedlings</u>	<u>H</u>	<u>- 25%</u>	12. _____	_____	_____
5. <u>Adenostoma fasciculatum</u>	<u>S</u>	<u>- 50%</u>	13. _____	_____	_____
6. <u>Silybum marianum</u>	<u>H</u>	<u>- 5%</u>	14. _____	_____	_____
7. <u>Salvia leucophylla</u>	<u>S</u>	<u>- 50%</u>	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____
Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): <u>20%</u>					
Remarks: <u>Burned veg + many seedlings/resprouts unidentifiable. Plot not dom by hyd veg based on remaining + identifiable plant species.</u>					

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	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated <input checked="" type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks ___ Onft Lines ___ Sediment Deposits ___ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.)	Remarks: <u>on bank of well defined channel hydrology present</u>

BB1

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-20"	A	10YR 3/3	—	—	Very 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: soil non-hydric

WETLAND DETERMINATION

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

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Evener</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BB</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silibum maritimum</u>	<u>H</u>	<u>- 60%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>- 10%</u>	10. _____	_____	_____
3. <u>Medicago polymorpha</u>	<u>H</u>	<u>- 10%</u>	11. _____	_____	_____
4. <u>Distichlis spicata</u>	<u>H</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-). 25%*

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

* Atypical situation analysis determines this plot to be dom by hydrophytic veg (Dominance of Distichlis sp. prior to fire)

HYDROLOGY

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

BB 2

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-10"	A	10YR 3/2	10YR 5/8	low/moderate	silt
10-22"	B	10YR 3/3	2.5YR 4/8	mod/low	silt

Hydric Soil Indicators:

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

Remarks: soil hydric - low chroma colors w/ bright mottles.

WETLAND DETERMINATION → Atypical Determination

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

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

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

VEGETATION

dom = 20% or ↑
 Worms

Dominant Plant Species	Stratum	Indicator	%	Dominant Plant Species	Stratum	Indicator	%
1. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW</u>	<u>20%</u>	9. _____	_____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>-</u>	<u>45%</u>	10. _____	_____	_____	_____
3. <u>Vernonia lasiostachys</u>	<u>H</u>	<u>FAC-</u>	<u>5%</u>	11. _____	_____	_____	_____
4. <u>Perennial grass</u>	<u>H</u>	<u>-</u>	<u>5%</u>	12. _____	_____	_____	_____
5. <u>Silybum marianum</u>	<u>H</u>	<u>-</u>	<u>5%</u>	13. _____	_____	_____	_____
6. <u>Medicago polymorpha</u>	<u>H</u>	<u>-</u>	<u>20%</u>	14. _____	_____	_____	_____
7. _____	_____	_____	_____	15. _____	_____	_____	_____
8. _____	_____	_____	_____	16. _____	_____	_____	_____

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

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

* Atypical situation analysis determine plot to be dominated by Distichlis spicata prior to fire.

HYDROLOGY

- Recorded Data (Describe in Remarks):
 Stream, Lake, or Tide Gauge
 Aerial Photographs
 Other
 No Recorded Data Available

Field Observations:

Depth of Surface Water: - (in.)
 Depth to Free Water in Pit: - (in.)
 Depth to Saturated Soil: - (in.)

Wetland Hydrology Indicators:

- Primary Indicators:
 Inundated
 Saturated in Upper 12 Inches
 Water Marks
 Drift Lines
 Sediment Deposits
 Drainage Patterns in Wetlands
- Secondary Indicators (2 or more required):
 Oxidized Root Channels in Upper 12 Inches
 Water-Stained Leaves
 Local Soil Survey Data
 FAC-Neutral Test
 Other (Explain in Remarks)

Remarks: - in well-defined channel
- precipitate present

BB3

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-8"	A	10YR 3/2	10YR 5/8	infreq/mod	fine sandy silt
8-22"	B	10YR 3/3	—	—	fine sandy silt

Hydric Soil Indicators:

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

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

WETLAND DETERMINATION

Atypical Determination

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

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

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

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 30%</u>	9. _____	_____	_____
2. <u>Annual grass seedling</u>	<u>H</u>	<u>50%</u>	10. _____	_____	_____
3. <u>Silybum marianum</u>	<u>H</u>	<u>10%</u>	11. _____	_____	_____
4. <u>Perennial grass</u>	<u>H</u>	<u>10%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

* Atypical Situation analysis determines this plot to be dom by Distichlis spicata prior to fire.

HYDROLOGY

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

BB4

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-20"	A	10YR 4/4	10YR 6/8	mod/moderate crack	Silt

Hydric Soil Indicators:

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

Remarks: no indicators of hydric soil

WETLAND DETERMINATION

→ Atypical Sit. Determination

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

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

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

VEGETATION

dom. =
20% + ↑

Dominant Plant Species	Stratum	Indicator	%	Dominant Plant Species	Stratum	Indicator	%
1. <u>Salvia leucophylla</u>	<u>S</u>	<u>-</u>	<u>100%</u>	9. _____	_____	_____	_____
2. <u>Annual grass seedlings</u>	<u>H</u>	<u>-</u>	<u>10%</u>	10. _____	_____	_____	_____
3. <u>Silphium marianum</u>	<u>H</u>	<u>-</u>	<u>80%</u>	11. _____	_____	_____	_____
4. <u>Polygonum sp.</u>	<u>H</u>	<u>FAC</u>	<u>5%</u>	12. _____	_____	_____	_____
5. <u>Claytonia parviflora</u>	<u>H</u>	<u>FAC</u>	<u>5%</u>	13. _____	_____	_____	_____
6. _____	_____	_____	_____	14. _____	_____	_____	_____
7. _____	_____	_____	_____	15. _____	_____	_____	_____
8. _____	_____	_____	_____	16. _____	_____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

BC1

SOILS

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

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

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Posomount</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: _____ Transect ID: <u>BC</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW 100%</u>	9. _____	_____	_____
2. <u>Annual grass seedling</u>	<u>ET</u>	<u>65%</u>	10. _____	_____	_____
3. <u>Silphium marianum</u>	<u>ET</u>	<u>35%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

⊕ Atypical situation Analysis determines plot to be dom by hydrophytia veg.

HYDROLOGY

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

Remarks: in well-defined channel.
hydrology present

warm

SOILS

BC2

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

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

Hydric Soil Indicators:

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

Remarks: soil hydric
Low chroma color with bright mottle

WETLAND DETERMINATION

→ Atypical Sit Determination

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

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

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

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Annual grass seedling</u>	<u>H</u>	<u>55%</u>	9. _____	_____	_____
2. <u>Silibum marianum</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW 40%</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): 56%*

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

*Atypical situation determines plot to be dominated by hydrophytic veg prior to fire (Baccharis + Distichlis)

HYDROLOGY

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

SOILS

BC 3

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.
0-4"	A	10YR 3/3	—	—	silt
14-20"	B	10YR 4/2	10YR 5/8	moderate/high	silt

Hydric Soil Indicators:

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

Remarks: Low chroma color w/bright mottles
— soil hydric

WETLAND DETERMINATION

Atypical Sit Determination

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC - Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? <input type="radio"/> Yes <input checked="" type="radio"/> No Is the site significantly disturbed (Atypical Situation)? <input type="radio"/> Yes <input checked="" type="radio"/> No Is the area a potential Problem Area? <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.) ↓ recently burned	Community ID: <u> </u> Transect ID: <u>30</u> Plot ID: <u>1</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Lesqueria filaginifolia</u>	<u>-</u>	<u>5%</u>	9. _____	_____	_____
2. <u>Rhus ovata</u>	<u>S</u>	<u>45%</u>	10. _____	_____	_____
3. <u>Ceanothus sp.</u>	<u>S</u>	<u>50%</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-): 0%

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>BD</u> Plot ID: <u>2</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Lesqya fibginifolia</u>	—	5%	9. _____		
2. <u>Annual grass seedling</u>	—	100%	10. _____		
3. <u>Polygonum sp.</u>	S	FAC 90%	11. _____		
4. <u>Verbena losiostachya</u>	S	FAC- 5%	12. _____		
5. _____			13. _____		
6. _____			14. _____		
7. _____			15. _____		
8. _____			16. _____		

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

50%*

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

* Atypical situation determines plot to be dominated by hydrophytic veg (Baccharis salicifolia present prior to fire)

HYDROLOGY

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

dom = 20%
+ ↑

BD2

SOILS

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

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

Hydric Soil Indicators:

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

Remarks: soil hydric - low chroma colors w/ bright mottles.

WETLAND DETERMINATION

Atypical Determination

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

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u>	Community ID: _____ Transect ID: <u>B0</u> Plot ID: <u>3</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	%	Dominant Plant Species	Stratum	Indicator	%
1. <u>Polygonum sp.</u>	<u>S</u>	<u>FAC</u>	<u>60%</u>	9. _____			
2. <u>Silybum marianum</u>	<u>H</u>	<u>-</u>	<u>80%</u>	10. _____			
3. <u>Annual grass</u>	<u>H</u>	<u>-</u>	<u>20%</u>	11. _____			
4. <u>Bacch. salicifolia</u>	<u>S</u>	<u>FACW</u>	<u>40%</u>	12. _____			
5. _____				13. _____			
6. _____				14. _____			
7. _____				15. _____			
8. _____				16. _____			

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

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

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

HYDROLOGY

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

BD3

SOILS

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

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

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 hydric - low chroma colors w/ bright mottles

WETLAND DETERMINATION

Atypical 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
 yes wetland.

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC Batchelor Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>recently burned</u>	Community ID: <u>—</u> Transect ID: <u>B0</u> Plot ID: <u>4</u>

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Polygonum sp</u>	<u>S</u>	<u>FAC100%</u>	9. _____	_____	_____
2. <u>Annual grass seedlings†</u>	<u>—</u>	<u>100%</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____
			17. _____	_____	_____
			18. _____	_____	_____

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

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

* Atypical Situation analysis determines this plot to be dominated by hydrophytic veg 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 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</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
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Remarks: — on bank of well-defined channel
— hydrology present

Worms

BD 4

SOILS

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A	10YR 3/2	10YR 5/8	mod/moderate	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 hydric - low chroma color w/ bright mottles.

WETLAND DETERMINATION

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

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

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

VEGETATION

dom =
20% + ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Leymus condensatus</u>	<u>H</u>	<u>FACU 75%</u>	9. _____	_____	_____
2. <u>Chlorogalum pomeridii</u>	<u>H</u>	<u>5%</u>	10. _____	_____	_____
3. <u>Diactichlis spicata</u>	<u>H</u>	<u>FACW 20%</u>	11. _____	_____	_____
4. <u>Salvia leucophylla</u>	<u>S</u>	<u>10%</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

BE1

SOILS

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

Profile Description:		Matrix Color	Mottle Colors	Mottle	Texture, Concretions, Structure, etc.
Depth (inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	
0-20"	A	10YR3/3	—	—	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 type="radio"/> Yes <input checked="" type="radio"/> No (Circle)	Is this Sampling Point Within a Wetland? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle)
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 us.</u> <u>yes CDFG</u> <u>no wetland.</u>	

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

Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>DMEC-Batchelor, Niessen, Brenner</u>	Date: <u>23 Jan 04</u> County: <u>Los Angeles</u> State: <u>CA</u>
Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ recently burned	Community ID: <u>—</u> Transect ID: <u>BE</u> Plot ID: <u>2</u>

VEGETATION

dom = 20% + ↑

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Silybum marianum</u>	<u>H</u>	<u>—</u>	9.		
2. <u>Baccharis salicifolia</u>	<u>S</u>	<u>FACW</u>	10.		
3. <u>Annual grass seed.</u>	<u>H</u>	<u>—</u>	11.		
4. <u>Cirsium occidentale</u>	<u>H</u>	<u>—</u>	12.		
5. <u>Lupinus sparsiflorus</u>	<u>H</u>	<u>—</u>	13.		
6. <u>Distichlis spicata</u>	<u>H</u>	<u>FACW</u>	14.		
7.			15.		
8.			16.		

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

Remarks: Burned veg + new seedlings/resprouts predominantly unidentifiable. Plot 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	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>—</u> (in.) Depth to Free Water in Pit: <u>—</u> (in.) Depth to Saturated Soil: <u>—</u> (in.)	Remarks: <u>in bed of well-defined channel. hydrology present</u>

BE2

SOILS

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

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

Hydric Soil Indicators:

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

Remarks: soil hydric - low chroma colors w/ bright mottles.

WETLAND DETERMINATION

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