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| APPENDICES |
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**APPENDIX A.
LYONS CANYON RANCH ROUTINE
WETLAND DETERMINATION FIELD DATA FORMS**

**APPENDIX B.
WETLAND DELINEATION MAPS**

**APPENDIX C.
CORPS WETLAND DELINEATION MANUAL
DATA FORM 3 FOR ATYPICAL SITUATIONS**



APPENDIX A.

LYONS CANYON RANCH ROUTINE WETLAND DETERMINATION FIELD DATA FORMS⁷

⁷ Transect letter designations were intended to be alphabetically sequential; however, the sequence skips AA through AZ after Transect Z and jumps to Transect BA. No transect data are missing.

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

| | |
|--|--|
| Project/Site: <u>LYONS CANYON RANCH</u> Applicant/Owner: <u>WESTERN PACIFIC HOUSING / PARAMOUNT</u> Investigator: <u>MAGNEY, BATCHELOR, NIESSEN, BRENNER OF</u> | Date: <u>10 DEC 2003</u> County: <u>LOS ANGELES</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? <input checked="" type="radio"/> Yes <input type="radio"/> No 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.) | Community ID: _____ Transect ID: <u>A</u> Plot ID: <u>1</u> |

34.37083°N 118.56259°W ±18 ft. Elev. 1266 ft Photos 1 + 2

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------|--------------|--------------|------------------------|---------|-----------|
| 1. <u>Bromus diandrus</u> | <u>H 15%</u> | <u>-</u> | 9. _____ | _____ | _____ |
| 2. <u>Bromus hordeaceus</u> | <u>H 6%</u> | <u>FACU-</u> | 10. _____ | _____ | _____ |
| 3. <u>Hirschfeldia incana</u> | <u>H 20%</u> | <u>-</u> | 11. _____ | _____ | _____ |
| 4. <u>Marrubium vulgare</u> | <u>H 20%</u> | <u>FAC</u> | 12. _____ | _____ | _____ |
| 5. <u>Centauria melitensis</u> | <u>H 15%</u> | <u>-</u> | 13. _____ | _____ | _____ |
| 6. <u>Artemisia californica</u> | <u>H 5%</u> | <u>-</u> | 14. _____ | _____ | _____ |
| 7. <u>Arenaria barbata</u> | <u>H 15%</u> | <u>-</u> | 15. _____ | _____ | _____ |
| 8. <u>Lactuca scariola</u> | <u>H 5%</u> | <u>FAL</u> | 16. _____ | _____ | _____ |

dom = 20%
or ↑

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

Remarks: Evidence of fill near transect.
 Plot not dominated by hydrophytic vegetation.
 Seasonal flows may result in ↑ % of hydrophytic inhabitants.

HYDROLOGY

| | |
|--|---|
| <input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available | Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits Riverwash <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>— 0</u> (in.) Depth to Free Water in Pit: <u>— 0</u> (in.) Depth to Saturated Soil: <u>— 0</u> (in.) | |

Remarks: Site dry, in well-defined incised channel; watermarks well-defined in culvert pipe immediately downstream of pit.

A1

SOILS

Map Unit Name: Yolo Loam, 0 to 2 percent slopes Drainage Class: well-drained
 (Series and Phase):
 Taxonomy (Subgroup): Typic Xerorthents Field Observations: Confirm Mapped Type? Yes No

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-8" | A | indet. | none | N/A | Sand & cobbles |
| 8"-24" | B | indet. | none | N/A | coarse sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

Remarks: Riverwash - fluvially deposited sediments (recent)

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: Yes Waters of the U.S.
Yes CDFG Jurisdiction
No Wetland

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

| | |
|---|---|
| Project/Site: <u>LYONS CANYON Ranch</u> | Date: <u>10 Dec 2003</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? <input checked="" type="radio"/> Yes <input type="radio"/> No | Community ID: _____ Transect ID: <u>A</u> Plot ID: <u>2</u> |
| 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.) | |

34.37086°N 118.56260°W ±18ft 1274ft elev. Photo 3

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-------------------------------------|--------------|-------------|------------------------|---------|-----------|
| 1. <u>Medicago cf. alba</u> | <u>H 20%</u> | <u>FACW</u> | 9. _____ | _____ | _____ |
| 2. <u>Clarkia sp.</u> | <u>H 5%</u> | <u>-</u> | 10. _____ | _____ | _____ |
| 3. <u>Bromus diandrus</u> | <u>H 50%</u> | <u>-</u> | 11. _____ | _____ | _____ |
| 4. <u>Bromus madritensis subsp.</u> | <u>H 5%</u> | <u>NI</u> | 12. _____ | _____ | _____ |
| 5. <u>Chenopodium album</u> | <u>H 10%</u> | <u>FAC</u> | 13. _____ | _____ | _____ |
| 6. <u>Hirschfeldia incana</u> | <u>H 10%</u> | <u>-</u> | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

tom. = 20%
or ↑

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

Remarks: lack of hydrophytes as dominants.
General vicinity of transect (top of banks) with sig. fill material.
Seasonal flows may result in ↑ % of hydrophytic vegetation

HYDROLOGY

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

Remarks: no indicators of hydrology

SOILS

Map Unit Name (Series and Phase): Yolo loam, 0 to 2 percent 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. |
| 0-6" | A | 10YR 3/4 | none | N/A | gravelly loamy sand |
| 6-20" | B | 10YR 3/2 | none | N/A | loamy sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: non-hydric
no hydric soil indicators

WETLAND DETERMINATION

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

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

revised 9/27/04

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

| | |
|--|----------------------------|
| Project/Site: <u>Lyons Canyon Ranch</u> | Date: <u>10 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? <input type="radio"/> Yes <input checked="" type="radio"/> No | Community ID: _____ |
| Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No | Transect ID: <u>B</u> |
| Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>recently burned</u> | Plot ID: <u>1</u> |

34.37062°N 118.56289°W ~ 1286 Ft 20ft acur.

VEGETATION

Photo 4

domi = 20%
or ↑

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|--------------------------------|---------------|---------------|------------------------|---------|-----------|
| 1. <u>Atemisia californica</u> | <u>S</u> | <u>- 40%</u> | 9. _____ | _____ | _____ |
| 2. <u>Bromus diandrus</u> | <u>H</u> | <u>- 100%</u> | 10. _____ | _____ | _____ |
| 3. <u>Avena barbata</u> | <u>H</u> | <u>- 30%</u> | 11. _____ | _____ | _____ |
| 4. <u>Quercus lobata</u> | <u>T FAC*</u> | <u>100%</u> | 12. _____ | _____ | _____ |
| 5. <u>Sambucus mexicana</u> | <u>S FAC</u> | <u>60%</u> | 13. _____ | _____ | _____ |
| 6. <u>Loxotucaserriola</u> | <u>H FAC</u> | <u>10%</u> | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

Remarks: Plot not dom. by hydroph. veg based on remaining/identifiable species
Area significantly burned - most plants gone/unidentifiable

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 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: Primary hydrology indicator present - River was

SOILS

B1

Map Unit Name (Series and Phase): Yolo Loam, 0 to 2 percent 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 | — | — | — | Gravelly Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluviolally deposited sediments

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 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> | Date: <u>10 Dec. 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>B</u> |
| Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> | Plot ID: <u>2</u> |
| (If needed, explain on reverse.) <u>recently burned</u> | |

34.37062°N 118.56288°W Photo 5

VEGETATION 1,290ft. in elev.

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------|----------|----------------|------------------------|---------|-----------|
| 1. <u>Bromus diandrus</u> | <u>H</u> | <u>100%</u> | 9. _____ | _____ | _____ |
| 2. <u>Quercus lobata</u> | <u>T</u> | <u>FAC100%</u> | 10. _____ | _____ | _____ |
| 3. _____ | _____ | _____ | 11. _____ | _____ | _____ |
| 4. _____ | _____ | _____ | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

Remarks: Not dominated by hydrophytes based on remaining/ident. species (most plants burned/unidentifiable)

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 type="checkbox"/> Other (Explain in Remarks) |
| Field Observations: Depth of Surface Water: _____ (In.) Depth to Free Water in Pit: _____ (In.) Depth to Saturated Soil: _____ (In.) | |

Remarks: Hydrology primary indicator present - Riverwash materials

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

| | |
|--|----------------------------|
| Project/Site: <u>Lyons Canyon Ranch</u> | Date: <u>10 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? <u>Yes</u> <input type="radio"/> <u>No</u> <input checked="" type="radio"/> | Community ID: <u> </u> |
| Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> <u>Yes</u> <input type="radio"/> <u>No</u> | Transect ID: <u>B</u> |
| Is the area a potential Problem Area? <input type="radio"/> <u>Yes</u> <input checked="" type="radio"/> <u>No</u> (If needed, explain on reverse.) <u>recently burned</u> | Plot ID: <u>3</u> |

34.37066°N, 118.56281°W Photo 6 of B3

VEGETATION

1,962 ft. elev.

Photo 7 of general area

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------|----------|------------------|------------------------|---------|-----------|
| 1. <u>Bromus diandrus</u> | <u>H</u> | <u>80%</u> | 9. _____ | _____ | _____ |
| 2. <u>Arenabarbata</u> | <u>H</u> | <u>20%</u> | 10. _____ | _____ | _____ |
| 3. <u>Quercus lobata</u> | <u>T</u> | <u>100% FAC*</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: vegetation nonhydrophytic based on remaining/ident. species
Vegetation burned

Confirmed by Atypical Situation Analysis

HYDROLOGY

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

Remarks: No hydrology indicators

B3

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 0-2 percent slopes Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

| Profile Description: | | | | | |
|----------------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
| 0-24" | A | 10YR 3/3 | - | - | Fine silty sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: soil nonhydric

WETLAND DETERMINATION

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

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

| | |
|---|----------------------------|
| Project/Site: <u>Lyons Canyon Ranch</u> | Date: <u>10 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>C</u> |
| Is the area a potential Problem Area? recently burned Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) | Plot ID: <u>1</u> |

34.36870°N, 118.56469°W ; 1,360ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|----------|----------------|------------------------|---------|-----------|
| 1. <u>Coryza canadensis</u> | <u>H</u> | <u>40% FAC</u> | 9. _____ | _____ | _____ |
| 2. <u>Brassica nigra</u> | <u>H</u> | <u>10% —</u> | 10. _____ | _____ | _____ |
| 3. <u>Lactuca serriola</u> | <u>H</u> | <u>50% FAC</u> | 11. _____ | _____ | _____ |
| 4. _____ | _____ | _____ | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

dom. = 20%
or ↑

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

Remarks: Plot dominated by hydrophytic vegetation based on remaining/ident. species. All veg. damaged and/or unidentifiable from recent burn.

Confirmed by Atypical Situation analysis.

HYDROLOGY

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

Remarks: no hydrology indicators

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

| | |
|--|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <u>Recently burned</u> Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>Recent fire</u> | Community ID: <u>—</u> Transect ID: <u>C</u> Plot ID: <u>Z</u> |

34.36868°N, 118.56459°W ; 1,353 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|----------|---------------|------------------------|---------|-----------|
| 1. <u>Quercus agrifolia</u> | <u>T</u> | <u>100% —</u> | 9. _____ | | |
| 2. _____ | | | 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:
All other vegetation burned/unidentifiable.
Plot not dominated by hydrophytic veg. based on remaining/ident. species.

Confirmed by Atypical Situation analysis.

HYDROLOGY

| | |
|--|--|
| <input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available | Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input 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>Defined Bed and Banks</u> <u>hydrology present</u> | |

C2

SOILS

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

| Profile Description: | | | | | |
|----------------------|----------------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
| 0-10" | A | 10YR3/3 | — | — | Fine Silty Sand |
| 10-22" | B ₁ | 10YR3/2 | — | — | Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Soil non-hydric

WETLAND DETERMINATION

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: _____ | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>Recently burned</u> | Community ID: _____ Transect ID: <u>C</u> Plot ID: <u>3</u> |

34.368739N, 118.56470W ; 1,350 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|----------|-------------|------------------------|---------|-----------|
| 1. <u>Quercus agrifolia</u> | <u>T</u> | <u>100%</u> | 9. _____ | _____ | _____ |
| 2. _____ | _____ | _____ | 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:
All other vegetation (Herbaceous) burned /unidentifiable
Non-hydrophytic vegetation based on remaining/ident. species

Confirmed by Atypical Situation Analysis

HYDROLOGY

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

C3

SOILS

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

| Profile Description: | | Matrix Color | Mottle Colors | Mottle | Texture, Concretions, Structure, etc. |
|----------------------|----------------|-----------------|-----------------|--------------------|---------------------------------------|
| Depth (inches) | Horizon | (Munsell Moist) | (Munsell Moist) | Abundance/Contrast | |
| 0-9" | A | 10YR 3/2 | — | — | Rocky Silty Sand |
| 9-21" | B ₁ | 10YR 3/2 | — | — | Silty Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

Approved by HQUSACE 3/92

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

| | |
|---|----------------------------|
| Project/Site: <u>Lyons Canyon Ranch</u> | Date: <u>10 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brehner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>D</u> |
| Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> | Plot ID: <u>I</u> |
| (If needed, explain on reverse.) <u>Recently Burned</u> | |

34.36734°N, 118.56410°W ; 1,299 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|----------------------------------|----------|------------------|------------------------|---------|-----------|
| 1. | | | 9. | | |
| 2. <u>Baccharis salicifolius</u> | <u>S</u> | <u>100% FACW</u> | 10. | | |
| 3. | | | 11. | | |
| 4. | | | 12. | | |
| 5. | | | 13. | | |
| 6. | | | 14. | | |
| 7. | | | 15. | | |
| 8. | | | 16. | | |

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

Remarks: All Halimolobos vegetation burned/unidentifiable.
Plot Dominated by hydrophytic vegetation based on remaining + identifiable species

Confirmed by Atypical Situation Analysis

HYDROLOGY

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

D1

SOILS

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

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-30" | A | — | — | — | Gravelly Silty Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluvially deposited sediments

WETLAND DETERMINATION

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

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes 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>D</u> Plot ID: <u>Z</u> |

34.36738°N, 118.56419°W; 1,298 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------|---------|--------------------|------------------------|---------|-----------|
| 1. <u>Baccharis salicifolia</u> | | <u>S 100% FACW</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: All herbaceous vegetation burned/unidentifiable.
Plot Dominated by hydrophytic vegetation based on remaining + identifiable 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 <u>riverbank</u> <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 checked="" type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks) |
| Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.) | Remarks: <u>defined bed + banks - hydrology present</u> |

D2

SOILS

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

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-20" | A | — | — | — | Gravelly Silty Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluvially deposited sediments

WETLAND DETERMINATION

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <u>Recently Burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) | Community ID: <u> </u> Transect ID: <u>D</u> Plot ID: <u>3</u> |

34.36739°N, 118.56419°W; 1,300 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------|--------------|------------------|------------------------|---------|-----------|
| 1. <u>Baccharis salicifolia</u> | <u>Shrub</u> | <u>100% FACW</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: All herbaceous vegetation burned/unidentifiable
Plot Dominated by hydrophytic vegetation based on remaining + identifiable 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 <u>riverbank</u> <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 checked="" 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 Pft: <u> </u> (in.) Depth to Saturated Soil: <u> </u> (in.) | Remarks: <u>in ill-defined channel.</u> <u>hydrology present</u> |

D3

SOILS

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

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-18" | A | — | — | — | Gravelly Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluviially deposited sediment

WETLAND DETERMINATION

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

Approved by HQUSACE 3/92

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

| | |
|--|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing / Paramount</u> Investigator: <u>Magney, Batchelor, Nriessen, Brenner</u> | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) ↓ <u>recently burned</u> | Community ID: <u> </u> Transect ID: <u>D</u> Plot ID: <u>4</u> |

34.36741°N, 118.56423°W ; 1,301 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------|----------|------------------|------------------------|---------|-----------|
| 1. <u>Baccharis salicifolia</u> | <u>S</u> | <u>100% FACW</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: All herbaceous vegetation burned / unidentifiable.
Plot Dominated by hydrophytic vegetation based on remaining and identifiable 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 <u>Riverwash</u> <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 checked="" type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks) |
| Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.) | Remarks: <u>in ill-defined channel, fluviially dep sediments.</u> <u>→ hydrology present</u> |

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

| | |
|--|---|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnay, Batchelor, Nressen, Brenner</u> | Date: <u>10 Dec. 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <u>recently burned</u> Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>and</u> | Community ID: <u>—</u> Transect ID: <u>E</u> Plot ID: <u>1</u> |

culvert upstream + sandbag bank downstream

VEGETATION 34.36622°N 118.56429°W 1325ft. ±17ft

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|----------|----------------|------------------------|---------|-----------|
| 1. <u>Sambucus mexicana</u> | <u>S</u> | <u>FAC100%</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: All herbaceous vegetation burned/ unidentifiable
Plot dominated by hydrophytic vegetation based on remaining and identifiable species

Confirmed by Atypical Situation Analysis

HYDROLOGY

| | |
|--|--|
| <input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available | Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u> <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 Plot: <u>—</u> (In.) Depth to Saturated Soil: <u>—</u> (In.) | Remarks: <u>w/in well-defined bed + banks</u> <u>minor bank erosion</u> <u>scour line present</u> |

E 1

SOILS

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

| Profile Description: | | Matrix Color | Mottle Colors | Mottle | Texture, Concretions, Structure, etc. |
|----------------------|----------------|-----------------|-----------------|--------------------|---------------------------------------|
| Depth (inches) | Horizon | (Munsell Moist) | (Munsell Moist) | Abundance/Contrast | |
| 0-6" | A | — | — | — | Gravelly Sand |
| 6-12" | B ₁ | — | — | — | Sand |
| 12-18" | B ₂ | 10YR 4/2 | — | — | Silty Sand |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluviially deposited sediments soil covered by riverwash material.

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 water of U.S.</u> <u>yes CDFG Jurisdiction</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>Magney, Batchelor, Niessen, Brenner</u> | Date: <u>10 Dec. 03</u> County: <u>Los Angeles</u> State: <u>Ca</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No (If needed, explain on reverse.) <u>↳ recently burned</u> | Community ID: <u>—</u> Transect ID: <u>E</u> Plot ID: <u>2</u> |

34.36621°N 118.56431°W 1,327 ft. ±25 ft

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|---------|-------------------|------------------------|---------|-----------|
| 1. <u>Sambucus mexicana</u> | | <u>S 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: All herbaceous vegetation burned/unidentifiable
Plot dominated by hydrophytic vegetation based on remaining and identifiable 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 <u>Riverwash</u> <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input checked="" type="checkbox"/> Other (Explain in Remarks) |
| Field Observations: Depth of Surface Water: _____ (in.) Depth to Free Water in Pit: _____ (in.) Depth to Saturated Soil: _____ (in.) | Remarks: <u>hydrology present</u> <u>ill-defined channel</u> |

E2

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 0-2% slopes Drainage Class: Well-drained
 Taxonomy (Subgroup): Typic Xerorthents Field Observations Confirm Mapped Type? Yes No

| Profile Description: | | Matrix Color | Mottle Colors | Mottle | Texture, Concretions, Structure, etc. |
|----------------------|----------------|-----------------|-----------------|--------------------|---------------------------------------|
| Depth (inches) | Horizon | (Munsell Moist) | (Munsell Moist) | Abundance/Contrast | |
| 0-4" | A | — | — | — | Gravelly sand |
| 4-16" | B ₁ | 10YR 7/2 | — | — | Silty sand |
| 16-20" | B ₂ | 10YR 3/4 | — | — | Loamy sand |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: Riverwash - fluvially deposited sediments (recent)
map unit is confirmed here, but the mapped soil type is now covered by riverwash materials.

WETLAND DETERMINATION

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

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnus, Batchelor, Nicssen, Brenner</u> | Date: <u>10 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently Burned</u> | Community ID: <u>—</u> Transect ID: <u>E</u> Plot ID: <u>3</u> |

34.36624°N 118.56438°W 1,331ft. +/- 23ft

VEGETATION

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

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

Remarks: all herbaceous vegetation burned/unidentifiable
Plot dominated by hydrophytic vegetation based on remaining + ident. 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 <u>Riverwash</u> <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 Pft: _____ (in.) Depth to Saturated Soil: _____ (in.) | Remarks: <u>hydrology present</u> |

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

| | |
|---|----------------------------|
| Project/Site: <u>Lyons Canyon Ranch</u> | Date: <u>10 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing / Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? <input type="radio"/> Yes <input checked="" type="radio"/> No | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? <input type="radio"/> Yes <input checked="" type="radio"/> No | Transect ID: <u>E</u> |
| Is the area a potential Problem Area? <u>recently burned</u> <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.) | Plot ID: <u>4</u> |

34.34622°N 118.56422°W 1331ft ± 16ft

VEGETATION

dom = 20%
or ↑

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-------------------------------------|----------|------------------|------------------------|---------|-----------|
| 1. <u>Baccharis salicifolia</u> | <u>S</u> | <u>100% FACW</u> | 9. _____ | _____ | _____ |
| 2. <u>Heliotropium curassavicum</u> | <u>H</u> | <u>95% OBL</u> | 10. _____ | _____ | _____ |
| 3. <u>Amsinckia menziesii</u> | <u>H</u> | <u>5% —</u> | 11. _____ | _____ | _____ |
| 4. _____ | _____ | _____ | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

Remarks: much of vegetation unidentifiable/burned
Plot dominated by hydrophytic vegetation based on remaining and identifiable species

Confirmed by Atypical Situation Analysis

HYDROLOGY

| | |
|--|---|
| <p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="padding-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="padding-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="padding-left: 20px;"><input type="checkbox"/> Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pft: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p> | <p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> 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 checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p> |
|--|---|

Remarks: no indicators of hydrology (only one secondary indicators)

E4

SOILS

Map Unit Name (Series and Phase): Yolo Loam, 2-9% slope Drainage Class: well-drained
 Taxonomy (Subgroup): Typic Xeroorthents 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 4/3 | | | Gravelly Silty Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

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

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

| | |
|--|---|
| Project/Site: <u>Lynn's Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | Date: <u>17 Dec. 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? <input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> <u>recently burned</u> (If needed, explain on reverse.) | Community ID: <u>—</u> Transect ID: <u>F</u> Plot ID: <u>I</u> |

34.36605°N, 118.56399°W ; 1,353 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|----------------------------------|----------|-----------------|------------------------|---------|-----------|
| 1. <u>Baccharis salicifolia</u> | <u>S</u> | <u>60% FACW</u> | 9. _____ | _____ | _____ |
| 2. _____ | _____ | _____ | 10. _____ | _____ | _____ |
| 3. <u>Sambucus mexicana</u> | <u>S</u> | <u>40% FAC</u> | 11. _____ | _____ | _____ |
| 4. <u>Annual grass seedlings</u> | <u>H</u> | <u>100% —</u> | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

Remarks: Most vegetation burned/ unidentifiable
Plot dominated by hydrophytic vegetation based on remaining identifiable 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> | |

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

| | |
|---|--|
| Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | Date: <u>17 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently Burned</u> | Community ID: <u>—</u> Transect ID: <u>F</u> Plot ID: <u>Z</u> |

34.36604°N, 118.56396; 1,328 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|-----------------------------|----------|-----------------|------------------------|---------|-----------|
| 1. <u>Sambucus mexicana</u> | <u>S</u> | <u>100% FAC</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: All vegetation burned / unidentifiable.
Plot dominated by hydrophytic vegetation based on remaining and identifiable 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> |

F2

SOILS

| Map Unit Name (Series and Phase): <u>Yolo Loam, 2-9% slopes</u> | | Drainage Class: <u>well-drained</u> | | | |
|---|----------------|--|--|------------------------------|--|
| Taxonomy (Subgroup): <u>Typic Xerorthents</u> | | Field Observations Confirm Mapped Type? <input checked="" type="radio"/> Yes <input type="radio"/> No | | | |
| Profile Description: | | | | | |
| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
| 0-12" | A | 10YR 3/3 | — | — | Gravelly Silty Sand |
| 12-20" | B ₁ | 10YR 3/2 | — | — | Silty Sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Hydric Soil Indicators: | | | | | |
| <input type="checkbox"/> Histosol <input type="checkbox"/> Histic Epipedon <input type="checkbox"/> Sulfidic Odor <input type="checkbox"/> Aquic Moisture Regime <input type="checkbox"/> Reducing Conditions <input type="checkbox"/> Gleyed or Low-Chroma Colors | | | <input type="checkbox"/> Concretions <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils <input type="checkbox"/> Organic Streaking in Sandy Soils <input type="checkbox"/> Listed on Local Hydric Soils List <input type="checkbox"/> Listed on National Hydric Soils List <input type="checkbox"/> Other (Explain in Remarks) | | |
| Remarks: <u>soil non-hydric</u> | | | | | |

WETLAND DETERMINATION

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

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

| | |
|---|-----------------------------|
| Project/Site: <u>Lyons Cyn Ranch</u> | Date: <u>17 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magnay, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u> </u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>F</u> |
| Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> | Plot ID: <u>3</u> |
| (If needed, explain on reverse.) <u>Recently Burned</u> | |

34.36596°N ; 118.56397°W ; 1,328 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------------|----------|-------------|------------------------|---------|-----------|
| 1. <u>Eucryphia chrysanthemifolia</u> | <u>H</u> | <u>70%</u> | 9. _____ | _____ | _____ |
| 2. <u>Annual Grass seedlings</u> | <u>H</u> | <u>25%</u> | 10. _____ | _____ | _____ |
| 3. <u>Unknown</u> | <u>S</u> | <u>100%</u> | 11. _____ | _____ | _____ |
| 4. <u>Lupinus hirsutissimus</u> | <u>H</u> | <u>5%</u> | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

Remarks: All vegetation burned and/or unidentifiable
Plot not dominated by hydrophytic vegetation based on the remaining ident. 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 <u>Riverwash</u> <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>hydrology present</u> <u>fluviially dep. sediments</u> |

F3

SOILS

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

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

Hydric Soil Indicators:

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

Remarks: Riverwash - fluvially deposited sediments

WETLAND DETERMINATION

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: _____ | Date: <u>17 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? <input checked="" type="radio"/> Yes 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>F</u> Plot ID: <u>4</u> |

. 34.36597°N, 118.56397°W ; 1,303 ft. elev.

VEGETATION

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

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

Remarks: All vegetation burned / unidentifiable
Plot dominated by hydrophytic veg. based on remaining and identifiable species

Confirmed by Atypical Situation Analysis

HYDROLOGY

| | |
|--|--|
| <p>Recorded Data (Describe in Remarks):</p> <p>___ Stream, Lake, or Tide Gauge</p> <p>___ Aerial Photographs</p> <p>___ Other</p> <p><input checked="" type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: _____ (in.)</p> <p>Depth to Free Water in Pit: _____ (in.)</p> <p>Depth to Saturated Soil: _____ (in.)</p> | <p>Wetland Hydrology Indicators:</p> <p>Primary Indicators:</p> <p>___ Inundated</p> <p>___ Saturated in Upper 12 Inches</p> <p>___ Water Marks</p> <p>___ Drift Lines</p> <p><input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u></p> <p>___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p>___ 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> |
| <p>Remarks: <u>Detrital bed & banks</u> <u>hydrology present</u></p> | |

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

| | |
|---|--|
| Project/Site: <u>Lyons Cyn Ranch</u> Applicant/Owner: <u>Western Pacific Housing / Paramount</u> Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | Date: <u>17 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> (If needed, explain on reverse.) <u>Recently Burned</u> | Community ID: <u>—</u> Transect ID: <u>F</u> Plot ID: <u>S</u> |

34.36595°N, 118.56402°W; 1,320ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|----------------------------------|----------|--------------|------------------------|---------|-----------|
| 1. <u>Annual grass seedlings</u> | <u>H</u> | <u>— 45%</u> | 9. _____ | _____ | _____ |
| 2. <u>Eucalyptus ?</u> | <u>H</u> | <u>— 45%</u> | 10. _____ | _____ | _____ |
| 3. <u>Hirschfeldia incana</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: All vegetation burned away and/or unidentifiable
Plot not dominated by hydrophytic veg. based on
remaining and ident. 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 Pft: _____ (In.) Depth to Saturated Soil: _____ (In.) | |
| Remarks: <u>no indicators of hydrology</u> | |

F5

SOILS

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

| Profile Description: | | | | | |
|----------------------|----------------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
| 0-6" | A | 10YR 3/2 | — | — | Gravelly silty sand |
| 6-18" | B ₁ | 10YR 3/2 | — | — | Silty sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

Remarks: soil non-hydric

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

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

| | |
|---|--|
| Project/Site: <u>Lyons Canyon Ranch</u> Applicant/Owner: <u>Western Pacific Housing/Paramount</u> Investigator: <u>Magny, Batchelor, Niessen, Brenner</u> | Date: <u>17 Dec 03</u> County: <u>Los Angeles</u> State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> Is the area a potential Problem Area? Yes <input checked="" type="radio"/> No <input type="radio"/> (If needed, explain on reverse.) <u>Recently Burned</u> | Community ID: <u>—</u> Transect ID: <u>6</u> Plot ID: <u>1</u> |

34.36583°N, 118.56360°W; 1,327 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|----------------------------------|----------|-------------|------------------------|---------|-----------|
| 1. <u>Annual grass seedlings</u> | <u>H</u> | <u>50%</u> | 9. _____ | _____ | _____ |
| 2. <u>Eucalyptus?</u> | <u>H</u> | <u>50%</u> | 10. _____ | _____ | _____ |
| 3. <u>Quercus agrifolia</u> | <u>T</u> | <u>100%</u> | 11. _____ | _____ | _____ |
| 4. _____ | _____ | _____ | 12. _____ | _____ | _____ |
| 5. _____ | _____ | _____ | 13. _____ | _____ | _____ |
| 6. _____ | _____ | _____ | 14. _____ | _____ | _____ |
| 7. _____ | _____ | _____ | 15. _____ | _____ | _____ |
| 8. _____ | _____ | _____ | 16. _____ | _____ | _____ |

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

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

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 Pft: _____ (in.) Depth to Saturated Soil: _____ (in.) | |
| Remarks: <u>no indicators of hydrology</u> | |

61

SOILS

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

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-8" | A | 10YR 3/3 | — | — | Silty Sand. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

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

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

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

| | |
|---|----------------------------|
| Project/Site: <u>Lyon Canyon Ranch</u> | Date: <u>17 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing/Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>6</u> |
| Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> | Plot ID: <u>2</u> |
| (If needed, explain on reverse.) <u>Recently Burned</u> | |

34.36586°N, 118.56360°W; 1,335 ft. elev.

VEGETATION

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|---------------------------------|----------|-----------------|------------------------|---------|-----------|
| 1. <u>Sambucus mexicana</u> | <u>S</u> | <u>FAC 20%</u> | 9. _____ | | |
| 2. <u>Baccharis salicifolia</u> | <u>S</u> | <u>FACW 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-): 100%

Remarks: Vegetation burned and/or unidentifiable
Plot dominated by hydrophytic veg. based on remaining and identifiable species.

Confirmed by Atypical Situation Analysis

HYDROLOGY

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

G2

SOILS

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

Profile Description:

| Depth (inches) | Horizon | Matrix Color (Munsell Moist) | Mottle Colors (Munsell Moist) | Mottle Abundance/Contrast | Texture, Concretions, Structure, etc. |
|----------------|---------|------------------------------|-------------------------------|---------------------------|---------------------------------------|
| 0-20" | A | 10YR 3/2 | — | — | Silty sand |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Hydric Soil Indicators:

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

Remarks: soil non-hydric

WETLAND DETERMINATION

| | |
|--|---|
| Hydrophytic Vegetation Present? <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle) | Is this Sampling Point Within a Wetland? Yes <input type="radio"/> No <input checked="" type="radio"/> (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. yes CDFG Jurisdiction no wetland

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

| | |
|---|----------------------------|
| Project/Site: <u>Lyon Canyon Ranch</u> | Date: <u>17 Dec 03</u> |
| Applicant/Owner: <u>Western Pacific Housing / Paramount</u> | County: <u>Los Angeles</u> |
| Investigator: <u>Magney, Batchelor, Niessen, Brenner</u> | State: <u>CA</u> |
| Do Normal Circumstances exist on the site? Yes <input type="radio"/> No <input checked="" type="radio"/> | Community ID: <u>—</u> |
| Is the site significantly disturbed (Atypical Situation)? Yes <input checked="" type="radio"/> No <input type="radio"/> | Transect ID: <u>6</u> |
| Is the area a potential Problem Area? Yes <input type="radio"/> No <input checked="" type="radio"/> | Plot ID: <u>3</u> |
| (If needed, explain on reverse.) <u>Recently Burned</u> | |

34.36575°N, 118.56364°W; 1,335 ft. elev.

VEGETATION

dom = 20%
or ↑

| Dominant Plant Species | Stratum | Indicator | Dominant Plant Species | Stratum | Indicator |
|----------------------------------|---------------|------------|------------------------|---------|-----------|
| 1. <u>Eucypta</u> | <u>H</u> | <u>60%</u> | 9. | | |
| 2. <u>Annual Grass seedlings</u> | <u>H</u> | <u>35%</u> | 10. | | |
| 3. <u>Hirschfeldia</u> | <u>H</u> | <u>5%</u> | 11. | | |
| 4. <u>Sambucus mexicana</u> | <u>S FAC</u> | <u>50%</u> | 12. | | |
| 5. <u>Baccharis salicifolia</u> | <u>S FACW</u> | <u>50%</u> | 13. | | |
| 6. | | | 14. | | |
| 7. | | | 15. | | |
| 8. | | | 16. | | |

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

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

[⊕] Atypical Situation analysis determines this Plot to be dom by hydrophytic 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"/> Drift Lines <input checked="" type="checkbox"/> Sediment Deposits <u>Riverwash</u> <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 Pft: _____ (in.) Depth to Saturated Soil: _____ (in.) | |

Remarks: indicators of hydrology present
→ fluvially deposited sediments present.

