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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Nicrssen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BM
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Annual Grass seedlings	H	— 20%	9.		
2. Leymus condensatus	H	FACU 80%	10.		
3. Sambucus mexicana	S	FAC 100%	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

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

Remarks:
Plot dominated by hydrophytic vegetation based on remaining and identifiable plant species
Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

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

DM 1

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-6"	A1	10YR3/3	10YR5/6	infr/low	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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

Remarks:

yes waters of U.S.
Yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BM
Plot ID: 2

VEGETATION

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

100%
100%

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

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

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

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

Remarks:
in defined channel
- hydrology present

BM2

SOILS

Map Unit Name (Series and Phase): Castaic - Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A1	10YR 4/2	10YR 5/8	mod/mod	rocky silt (sparsely cobbled) billiard ball & smaller

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X 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
- X Other (Explain in Remarks)

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

WETLAND DETERMINATION → Atypical Determination

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

Remarks:

yes waters of U.S.
yes CDFG
Yes wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes No
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID:
Transect ID: BM
Plot ID: 3

VEGETATION

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

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

Remarks:
Plot not dom by hydrophytic veg based on remaining and identifiable plant species.
Confirmed by Atypical Situation analysis.

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

Remarks:
On bank of well-defined channel — hydrology present

BM3

SOILS

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

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks:

no indicators of hydric soil

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? (Circle) Yes (No)

Remarks:

yes waters of U.S.
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BN
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Leymus condensatus	H	FACU 100%
2. Rhus ovata	S	— 60%
3. Sambucus mexicana	S	FAC 40%
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

Remarks: - on bank of well defined bed and bank
- hydrology present

BN 1

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR4/3	10YR5/8	frequent/low	silt

Hydric Soil Indicators:

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

Remarks: no hydric indicators.

WETLAND DETERMINATION

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

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

Remarks:

yes waters of U.S.
yes CDFG
no wetland

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BN
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Rhus ovata	S	75%
2. Leymus condensatus	H	FACU 100%
3. Sambucus mexicana	S	FAC 25%
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

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

Remarks:
Plot not dom by hydr veg based on remaining + identifiable plant species.
Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

Remarks: - Bottom of well-defined channel
- hydrology present

BN2

SOILS

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A1	10YR3/3	10YR5/8	mod/mod	fine sandy silt

Hydric Soil Indicators:

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

Remarks: no hydric indicators.

WETLAND DETERMINATION

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

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

Remarks:

yes waters of U.S.
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niescen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BN
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Lagnus Condensatus	H	FACW 90%	9.		
2. Lupinus sparsiflorus	H	— 2%	10.		
3. Silybum marianum	H	— 8%	11.		
4. Rhus ovata	S	— 100%	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

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

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

Confirmed by atypical situation analysis

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

Remarks: on bnk of well defined bed & bank(
precipitate
-hydrology present

BN3

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes/eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR4/3	10YR5/8	inf/lowmod	silt

Hydric Soil Indicators:

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

Remarks: no hydric indicators.

WETLAND DETERMINATION

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

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

Remarks:

yes waters of U.S.
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: B0
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Silybum marianum	H	40%	9.		
2. Lupinus sparsiflorus	H	20%	10.		
3. Annual grass seedlings	H	20%	11.		
4. Marah macrocarpus	H	20%	12.		
5. Artemisia californica	S	100%	13.		
6.			14.		
7.			15.		
8.			16.		

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

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

Confirmed by Atypical situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: no hydrology indicators present

B01

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50 % slopes/eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A1	10YR3/3	10YR5/8	inf/med	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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

Remarks:
no waters
no CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: PMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BO
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Sisymbrium marionum	H	— 25%
2. Annual grass seedlings	H	— 20%
3. Artemisia californica	S	— 20%
4. Baccharis salicifolia	S	FACW 40%
5. Sambucus mexicana	S	FAC 40%
6. Hirschfeldia incana	H	— 15%
7. Medicago polymorpha	H	— 15%
8. Stellaria media?	H	FACU 25%
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

dom = 20% or ↑

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: - In broad channel bottom.
- hydrology present

B02

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

Field Observations

Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? Yes (No)

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A1	10YR 3/3	10YR 5/8	inf/mod	silt

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No) (Circle)

Wetland Hydrology Present? (Yes) No

Hydric Soils Present? Yes (No)

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

Remarks:

yes waters of U.S.
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: B2
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. Silybum marianum	H	—	40%	9.			
2. Annual grass seedlings	H	—	40%	10.			
3. Melilotus polymorpha	H	—	10%	11.			
4. Hirschfeldia incana	H	—	10%	12.			
5. Solanum xantii	S	—	10%	13.			
6.				14.			
7.				15.			
8.				16.			

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

Remarks: Plot not dom by hydrophytic veg based on remaining + identifiable Plant species.
Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: — in bed of broad ill defined channel
— hydrology present

B03

SOILS

Map Unit Name (Series and Phase): Castaic - Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: no hydric soil indicators

WETLAND DETERMINATION

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

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

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Miessen, Brenner

Date: 30 Jan. 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BO
Plot ID: 4

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Silybum marianum	H	40%
2. Annual grass seedlings	H	30%
3. Medicago polymorpha	H	10%
4. Dichelostemma capitatum	H	10%
5. Lupinus ep. ersiflorus	H	10%
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: no hydrology indicators present

B04

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

Field Observations

Taxonomy (Subgroup): Typic Xerorthents Confirm Mapped Type? (Yes) No

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: no hydric indicators

WETLAND DETERMINATION

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

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

Remarks:

no waters
no CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing / Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BP
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Leymus condensatus	H	FACW 100%	9.		
2. Artemisia californica	S	— 100%	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: - on bank of well defined bed and banks
- hydrology present

BP1

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50 % slopes, eroded Drainage Class: well-drained

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: no hydric soils.

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? (Circle) Yes (No)

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BP
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. Silybum marianum	H	—	95%	9.			
2. Lupinus sparsiflorus	H	—	5%	10.			
3.				11.			
4.				12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: — bottom of well defined bed.
— hydrology present

BP2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A1	10YR3/3	10YR5/6	freq/mod	gravelly fine-sandy silt

Hydric Soil Indicators:

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

Remarks: no hydric indicators

WETLAND DETERMINATION

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

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

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BP
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Marah macrocarpus	H	— 4%
2. Leymus condensatus	H	FACN 95%
3. Lupinus sparsiflorus	H	— 1%
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

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

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

Confirmed by Atypical situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: - on bank of well defined bed and banks
- hydrology present

BP3

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 3/3	10YR 5/8	1% freq/moderate	fine sandy silt

Hydric Soil Indicators:

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

Remarks: no indicators of hydric soil

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? (Circle) Yes (No)

Remarks:

yes waters
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing / Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BQ
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. Eucrta chrysanthemifolia	H	—	5%	9.			
2. Leymus condensatus	H	FACU	80%	10.			
3. Marah macrocarpus	H	—	10%	11.			
4. Lupinus sparsiflorus	H	—	5%	12.			
5. Rhus ovata	S	—	100%	13.			
6.				14.			
7.				15.			
8.				16.			

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

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

Confirmed by Atypical situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: no hydrology indic.
* see soils remarks

BQ1

SOILS

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A	10YR 5/3	10YR5/8	mod / mod	fine sandy silt

Hydric Soil Indicators:

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

Remarks: — no indicators of hydric soils

soil is derived from a landslide within the last several yrs.

WETLAND DETERMINATION

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

Remarks:

no waters of U.S.,
no CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BQ
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Lasthenia condensatus	H	FACW 98%	9.		
2. Lupinus sparsiflorus	H	— 2%	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: in well defined channel

* See Soils remark, — hydrology present

BQ2

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-20"	A1	10YR 5/3	10YR 5/8	mod/moderate.	Silt

Hydric Soil Indicators:

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

Remarks: — no hydric indicators

Soil is derived from landslide (slump) w/in past several years

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? (Circle) Yes (No)

Remarks:

yes waters of U.S.

yes CDFG

no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID:
Transect ID: BQ
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator		Dominant Plant Species	Stratum	Indicator	
1. Lotus salsuginosus	H	—	2%	9.			
2. Leymus condensatus	H	FACU	94%	10.			
3. Rhus ovata	S	—	100%	11.			
4. Marah macrocarpus	H	—	2%	12.			
5. Silybum marianum	H	—	2%	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 + identifiable plant species.

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: — on bank of well defined channel — hydrology present
* see soils remarks

BQ3

SOILS

Map Unit Name (Series and Phase): Castaic-Balcom Silty Clay Loam, 30 to 50% slopes, eroded Drainage Class: well-drained

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: — no hydric indicators

Soil derived from landslide (slump) w/in last few years

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? (Circle) Yes (No)

Remarks:

yes waters of U.S.
yes CDFG
no wetland

Approved by HQUSACE 3/92

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

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

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Annual grass seedlings	H	— 100%	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

X No Recorded Data Available

Field Observations:

Depth of Surface Water: — (in.)

Depth to Free Water in Pit: — (in.)

Depth to Saturated Soil: — (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- ___ Saturated in Upper 12 Inches
- ___ Water Marks
- ___ Drift Lines
- ___ Sediment Deposits
- ___ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 Inches
- ___ Water-Stained Leaves
- ___ Local Soil Survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks: no hydrology indicators

BR1

SOILS

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

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: — Seems as if upland soils have been dozered over in the drainage, but mapped soil unit is still evident
— no indicators of hydric soils

WETLAND DETERMINATION

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

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BR
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Annual grass seedlings	H	— 95%	9.		
2. Brassica nigra	H	— 2%	10.		
3. Eremocarpus setigerus	H	— 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% (A)

Remarks: Area burned + bulldozed - current condition indicates plot not dom by hyd veg. based on remaining + identifiable plant species.

(A) Atypical Situation analysis determines plot to be dom by hyd veg prior to burn + grading - dom by Baccharis.

HYDROLOGY

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

Field Observations:

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

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

Remarks: - in defined channel
- hydrology present

BR2

SOILS

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

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8"	A	10YR 3/3	- graded material	—	silty clay loam
8-20"	B	10YR 4/2	10YR 5/6	inf/mod	silt

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- X 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
- X Other (Explain in Remarks)

Remarks: — There is buried vegetation and road fill material from dozing, but soils still match the mapped soil units — low chroma colors / bright mottles — soil hydric

WETLAND DETERMINATION → Atypical Situation Determination

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

Remarks:

yes waters of U.S.
yes CDFG
yes wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC - Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BR
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator	%
1. Annual grass seedlings	H	—	90%
2. Silybum marianum	H	—	4%
3. Medicago polymorpha	H	—	1%
4. Lactuca serriola	H	FAC	1%
5. Malva parviflora	H	—	1%
6. Picris echioides	H	FAC	1%
7. Stellaria media	H	FACU	1%
8. Erodium cicutarium	H	—	1%
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			

dom = 20% + T

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

Remarks: Area veg cleared due to fire + bulldozing - current condition indicates plot not dom by hydrophytic veg. based on remaining + identifiable plant species.
⊛ Atypical Situation analysis determines plot to be dom by Baccharis prior to disturbances.

HYDROLOGY

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

Field Observations:

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

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

Remarks: - graded ill defined filled area.
- within the edge of area where sediment was deposited.
- hydrology present

BR3

SOILS

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

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

Profile Description:

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

Hydric Soil Indicators:

___ 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: - area has been dozered over/flattened, but mapped soil unit is still present.
- no indicators of hydric soil

WETLAND DETERMINATION → Atypical Determination

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

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Diessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BR
Plot ID: 4

VEGETATION

Dominant Plant Species	Stratum	Indicator	%	Dominant Plant Species	Stratum	Indicator
1. Annual Grass seedlings	H	—	94	9.		
2. Silybum marianum	H	—	1%	10.		
3. Medicago polymorpha	H	—	1%	11.		
4. Hirschfeldia incana	H	—	1%	12.		
5. Claytonia perfoliata	H	FAC	1%	13.		
6. Lactuca serriola	H	FAC	1%	14.		
7.				15.		
8.				16.		

dom = 20%+ ↑

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

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

Confirmed by Atypical situation analysis

HYDROLOGY (Plot outside of Baccharis stand existing prior to disturbance)

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

Field Observations:

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

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

Remarks: — area has been graded/bulldozed
— no indicators of hydrology

BR4

SOILS

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

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

Profile Description:

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

Hydric Soil Indicators:

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

Remarks: - area has been dozed over, but mapped soil unit is still evident.

- soil non hydric

WETLAND DETERMINATION

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

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

Remarks:

no waters of U.S.
no CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned.

Community ID: —
Transect ID: BS
Plot ID: 1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Hirschfeldia incana	H	— 85%	9.		
2. Erodium cicutarium	H	— 5%	10.		
3. Bromus madritensis	H	— 5%	11.		
4. Lactuca serriola	H	FAC 5%	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

dom= 20%+ ↑

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

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

Confirmed by Atypical Situation analysis

HYDROLOGY

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

Field Observations:

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

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

Remarks: No hydrology indicators

BS 1

SOILS

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

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"	A1	10YR 3/3	—	—	silty clay loam

Hydric Soil Indicators:

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

Remarks: no hydric soils

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? (Circle) Yes (No)

Remarks:

no waters
no CDFG
no wetland

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Nissen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BS
Plot ID: 2

VEGETATION

Dominant Plant Species	Stratum	Indicator	%
1. Sambucus mexicana	S	FAC	100%
2. Bromus seedlings	H	—	96%
3. Chenopod album	H	FAC	2%
4. Hirschfeldia incana	H	—	1%
5. Medicago polymorpha	H	—	1%
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			

dom= 20%+↑

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

Remarks: Area veg cleared due to fire and bulldozing — current condition indicates plot not dom by hyd veg. based on remaining + identifiable plant species.

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

HYDROLOGY

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

Field Observations:
Depth of Surface Water: — (in.)
Depth to Free Water in Pit: — (in.)
Depth to Saturated Soil: — (in.)

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

↓ in well-defined channel

Remarks:
— hydrology present

BS2

SOILS

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

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-22"	A	10YR 3/3	—	—	silty clay loam

Hydric Soil Indicators:

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

Remarks: no hydric indicators

WETLAND DETERMINATION → Atypical Sit Determination

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

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

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

Approved by HQUSACE 3/92

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brenner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BS
Plot ID: 3

VEGETATION

Dominant Plant Species	Stratum	Indicator
1. Lactuca serriola	H	FAC 20%
2. Annual grass seedlings	H	— 75%
3. Silybum marianum	H	— 5%
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

dom = 20% +↑

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

Remarks: Area veg cleared due to fire and bulldozing — current condition indicates plot not dom by hydrophytic veg. based on remaining + identifiable plant species.

(A) Atypical situation analysis determines plot to be dominated by hydrophytic veg (Baccharis, Distichlis) prior to fire

HYDROLOGY

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

Field Observations:

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

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

Remarks: in well-defined channel

— hydrology present

B S 3

SOILS

Map Unit Name
(Series and Phase): _____ Drainage Class: well-drained

Taxonomy (Subgroup): _____ 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.
0-4"	A_1	10YR 3/1 ①	—	—	organic material
4-16"	A_2	10 YR 3/3	—	—	silty clay loam.

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- X 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: ① Probably from plant material buried by dozer.
mapped soil unit covered by decomposing organic layer.
dozing/mixing of soil evident. - hydric soils present.

WETLAND DETERMINATION

→ Atypical Sit Determination

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

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

Remarks:

yes waters of U.S.
yes CDFG
yes wetland

Approved by HQUSACE 3/92

revised 9/27/04

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

Project/Site: Lyons Canyon Ranch
Applicant/Owner: Western Pacific Housing/Paramount
Investigator: DMEC-Batchelor, Niessen, Brehner

Date: 30 Jan 04
County: Los Angeles
State: CA

Do Normal Circumstances exist on the site? Yes (No)
Is the site significantly disturbed (Atypical Situation)? (Yes) No
Is the area a potential Problem Area? Yes (No)
(If needed, explain on reverse.) recently burned

Community ID: —
Transect ID: BS
Plot ID: 4

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Annual grass seedling	H	— 76%	9.		
2. Hirsch Aldrs	N	— 1%	10.		
3. Picris echioides	H	FAC 20%	11.		
4. Silybum marianum	H	— 1%	12.		
5. Stellaria media	H	FACU 1%	13.		
6.			14.		
7.			15.		
8.			16.		

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

Remarks: Area veg cleared due to fire and bull dozing - current condition indicates plot not dom by hydrophytic veg. based on remaining + identifiable plant species.

⊛ Atypical situation analysis determines plot to be dom by hyd veg. (Baccharis, Distichlis) prior to disturbance

HYDROLOGY

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

Field Observations:

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

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

Remarks: — on outer edge of sediment deposits
— hydrology present

BS 4

SOILS

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

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

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-18"		Road fill			

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:

- Road Fill material probably covering mapped soil unit.
- area recently bull-dozed (fire-fighting activities)

WETLAND DETERMINATION atypical determination

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

Remarks:

yes waters of U.S.
yes CDFG
yes wetland

Approved by HQUSACE 3/92