Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 5/24/2021

Inspector: K. DANIELS, VOLUNTEER Survey Start/ End Time: 10AM / 12PM

Current Weather Condition: Sunny, warm, breezy

Antecedent Weather Condition: Sunny, warm, breezy

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

	Notes/ Parcel Area:		Category:	Reason(s) for Category Rating:
1.	Main St Bridge	(3)	2	glass beer bottles, plastic, cloth, litter
2.	Main St Bridge	(3)	1	clothes, rug, blanket, needle, litter
3.	WILLOUGHBY	(3)	1	Active camp
4.	WILLOUGHBY	(3)	2	Active camp
5.	WILLOUGHBY	(3)	2	Active camp
6.	WILLOUGHBY	(3)	3	Active camp
7.	101 overpass	(2)	1	clothes, litter
8.	State Parks	(2)	1	Abandoned camp
9.	State Parks	(2)	1	Litter
10.	Estuary	(1)	3	Active camps

Types of Trash Observed (check all that apply):

Plastic/ Styrofoam	Paper Products/Biodegradable	Household Items
Landscape Materials	Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: clothes, blankets, plastic bags/bottles, food packaging/wrappers, fast food trash, tents, tarps, bike parts, cardboard, buckets, motor oil, spray paint cans, batteries, solar panels, drug paraphernelia

Est. No. of Follow-up Cleanup Events Needed (describe why):

One cleanup to follow survey

Additional Notes: Estuary cleanup w/ VPD and Safe + Clean team + volunteers Scheduled for Friday June 4th


APN: 071-0-120-075
Wood-Claeyssens
Foundation
5.51 Acres
APN: 071-0-120-110
City of San
Buenaventura
9.78 Acres
APN: 060-0-320-195
Wood-Claeyssens Foundation
105.12 Acres
APN: 060-0-320-050
Ventura County
Flood Control District (WPD)
7.85 Acres
State HWY 33
APN: 060-0-320-284
Ventura Beach RV Resort Inc.
18.56 Acres
APN: 060-0-320-065
Ventura Hillside Conservancy
8.74 Acres
U.S. 101
APN: 060-0-320-215
State of California
Depart. of Parks & Recreation
35.87 Acres
APN: 060-0-320-075
State of California
Depart. of Parks & Recreation
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APN: 060-0-320-225
State of California
Depart. of Parks & Recreation
21.44 Acres
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City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 3 Survey Date: June 1 2021

Inspector: K. DANIELS, VOLUNTEER Survey Start/ End Time: 12:30 / 2:30

Current Weather Condition: overcast, cool

Antecedent Weather Condition: overcast, cool

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. Estuary (1)	3	> (8) camps
		> communal kitchen area
		> piles of clothes/trash throughout
2. WILLOUGHBY	1	Recliner chair

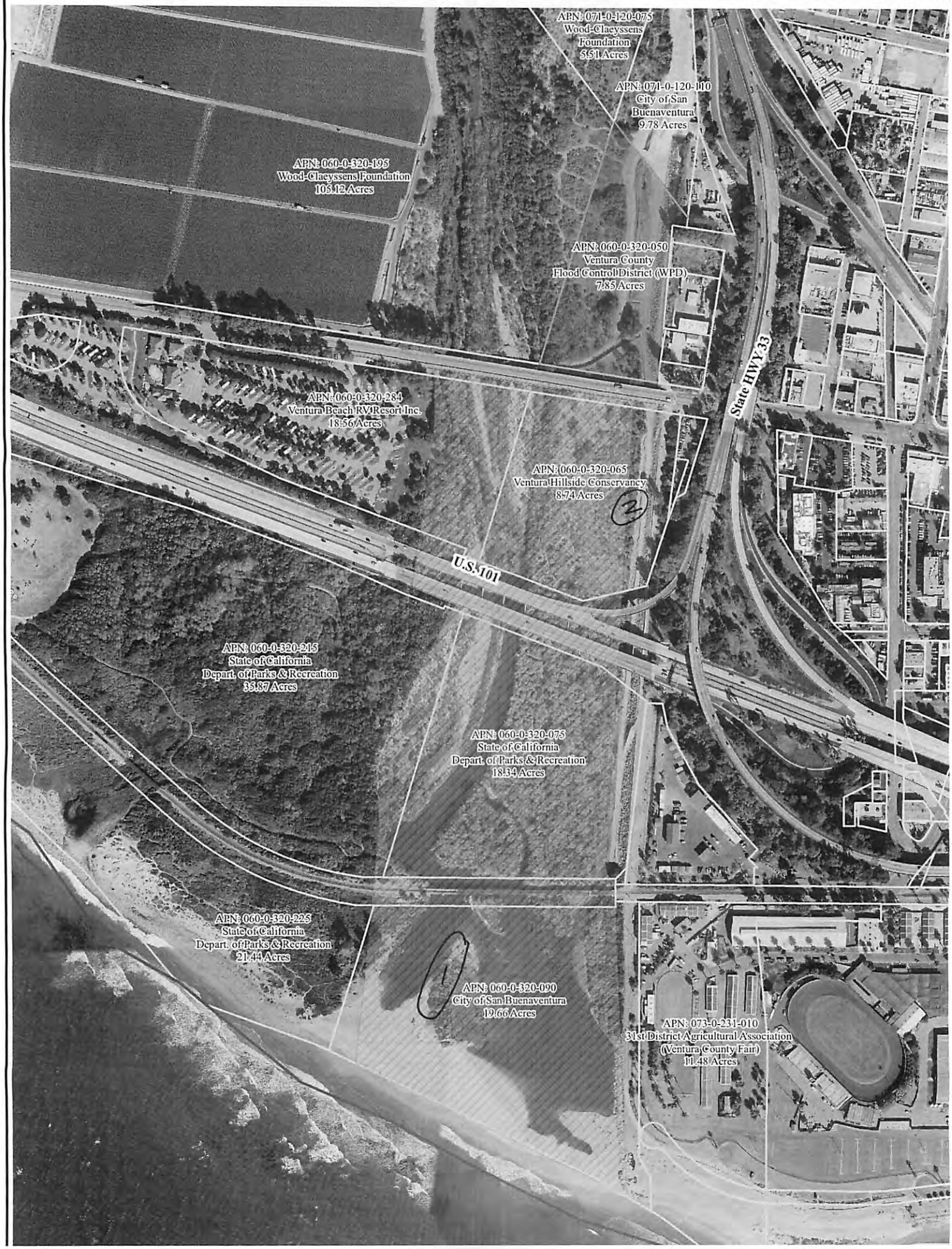
Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: Tents, tarps, bedding, sleeping bags, clothes, shoes, bikes & bike parts, plastic bottles & bags, cans, glass bottles, cardboard, pallet, mattresses, Kayak, food packaging

Est. No. of Follow-up Cleanup Events Needed (describe why): One cleanup – June 4th

Additional Notes: June 4th community cleanup to address this problem area.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31st District Agricultural Association
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11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: June 2 2021

Inspector: K. DANIELS Survey Start/ End Time: 12:00 / 1:00

Current Weather Condition: cool, partly sunny

Antecedent Weather Condition: cool, overcast

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), Category 2 (10-100 pcs), Category 3 (>100 pcs)

Notes/ Parcel Area:		Category:	Reason(s) for Category Rating:
1. County	(4)	1	Litter
2. Willoughby	(3)	1	Litter
3. State parks	(2)	1	Litter
4. City	(1)	1	Litter, blanket, clothes
5. estuary	(1)	3	Active camps

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: blanket, clothes, backpack, spraypaint cans, cigarette carton, face masks, bottles, food packaging, Styrofoam scraps, cardboard, glass

Est. No. of Follow-up Cleanup Events Needed (describe why):

[redacted] one cleanup to follow survey

Additional Notes: N/A


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11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: [redacted] 1, 2, 3, 4 Survey Date: 6/10/21

Inspector: K. DANIELS, VOLUNTEER Survey Start/ End Time: 10 AM / 12PM

Current Weather Condition: sunny, breezy

Antecedent Weather Condition: sunny, breezy

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. main st bridge	1	Recliner chair parts, trash, clothes
2. main st bridge	2	lot of trash
3. Willoughby	2	active
4. Willoughby	1	active
5. Willoughby	2	trash, clothes
6. Willoughby	1	trash, cusions
7. Willoughby	3	active camp
8. Willoughby	2	active camp
9. State Parks	1	active camp
10. Train trestle	1	Litter
11. Beach	1	active camp

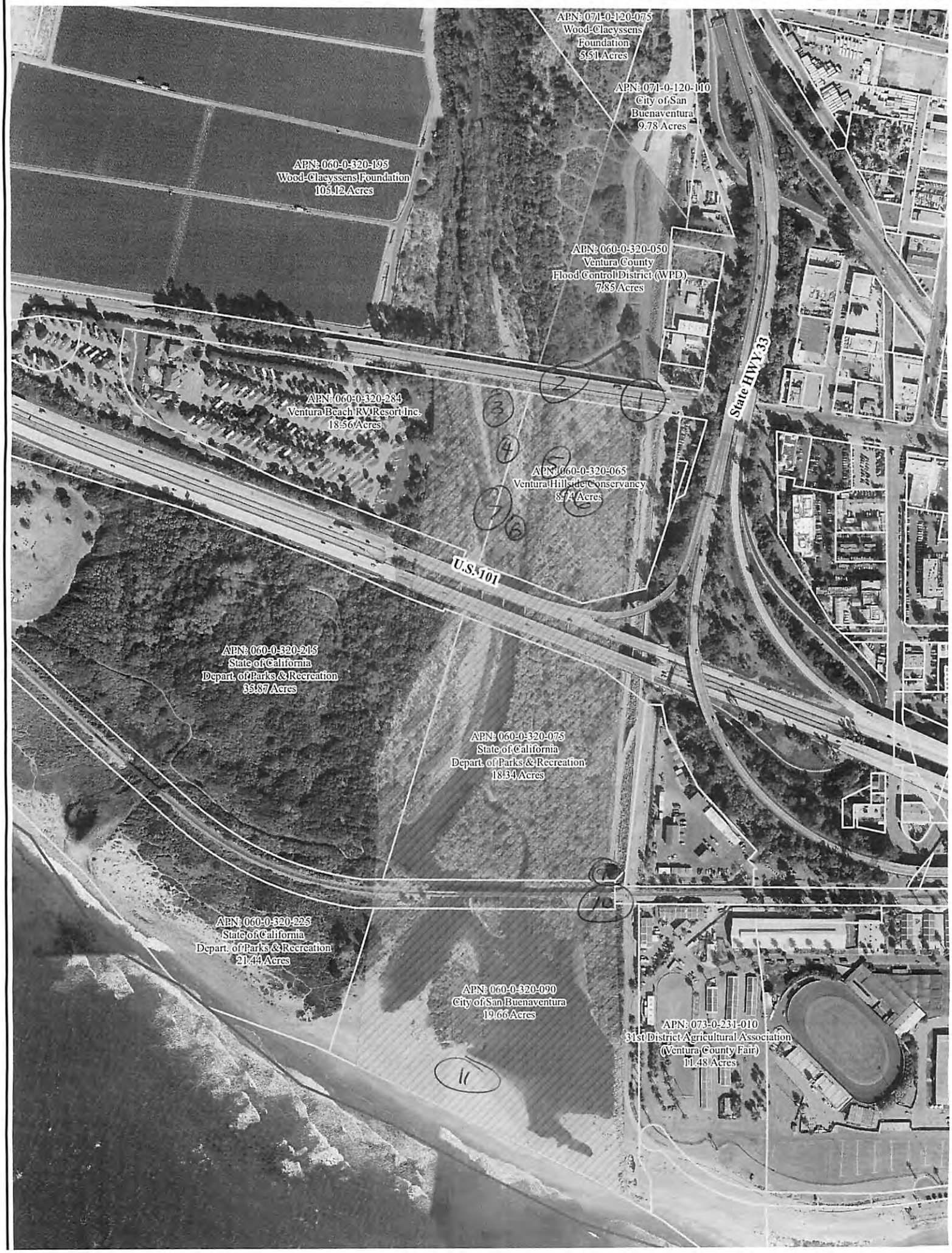
Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: cusions, blankets, clothes, shoes, bike, bike parts, cans, glass bottles, plastic liquor bottles, batteries, needles, drug paraphernalia, food packaging

Est. No. of Follow-up Cleanup Events Needed (describe why): One cleanup to follow survey

Additional Notes: N/A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11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 6/15/2021

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 9:AM/ 11 AM

Current Weather Condition: sunny, breezy, warm

Antecedent Weather Condition: sunny, breezy, warm

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

	Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1	WILLOUGHBY (3)	2	active camp
2	WILLOUGHBY (3)	1	active camp, furniture
3	WILLOUGHBY (3)	3	active camps
4	WILLOUGHBY (3)	2	trash pile
5	WILLOUGHBY (3)	1	litter, RYOBI Generator (broken)
6	101 overpass (2)	1	active camp, litter
7	State Parks (2)	1	trash pile, clothes
8	State Parks (2)	1	bike
9	State Parks (2)	2	active camp
10	Estuary (1)	2	active camp
11	Beach (1)	1	active camp
12	Beach (1)	1	Box of doughnuts, toiletries, litter, cig carton

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- Personal Effects
- ✓ Paper Products/Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: generator, food waste + packaging, plastic bottles + bags, glass, cans, cardboard, styrofoam, clothes, spray paint cans, furniture, bike parts, toiletries, ~~[illegible]~~

Est. No. of Follow-up Cleanup Events Needed (describe why): one cleanup to follow survey

Additional Notes: will request assistance from VPD and social worker to address camps. Will notify State Parks of active camps


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(Ventura County Fair)
11.48 Acres
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Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1,2,3,4 Survey Date: 6/24/2021

Inspector: K. DANIELS, VOLUNTEERS (3) Survey Start/ End Time: 10AM 1/12PM

Current Weather Condition: SUNNY 65°F

Antecedent Weather Condition: SUNNY 65°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. County (4)	1	plastic bags, food packaging
2. Main St. Bridge (3)	2	plastic drawer, burnt clothings cardboard, plastic bottles umbrella, blanket, tarp, trash
3. WILLOUGHBY (3)	3	Active camps
4. WILLOUGHBY (3)	2	Trash Piles, shopping baskets, canned food
5. State Parks (2)	1	plastic bags, food packaging
6. Beach (1)	2	Active camps

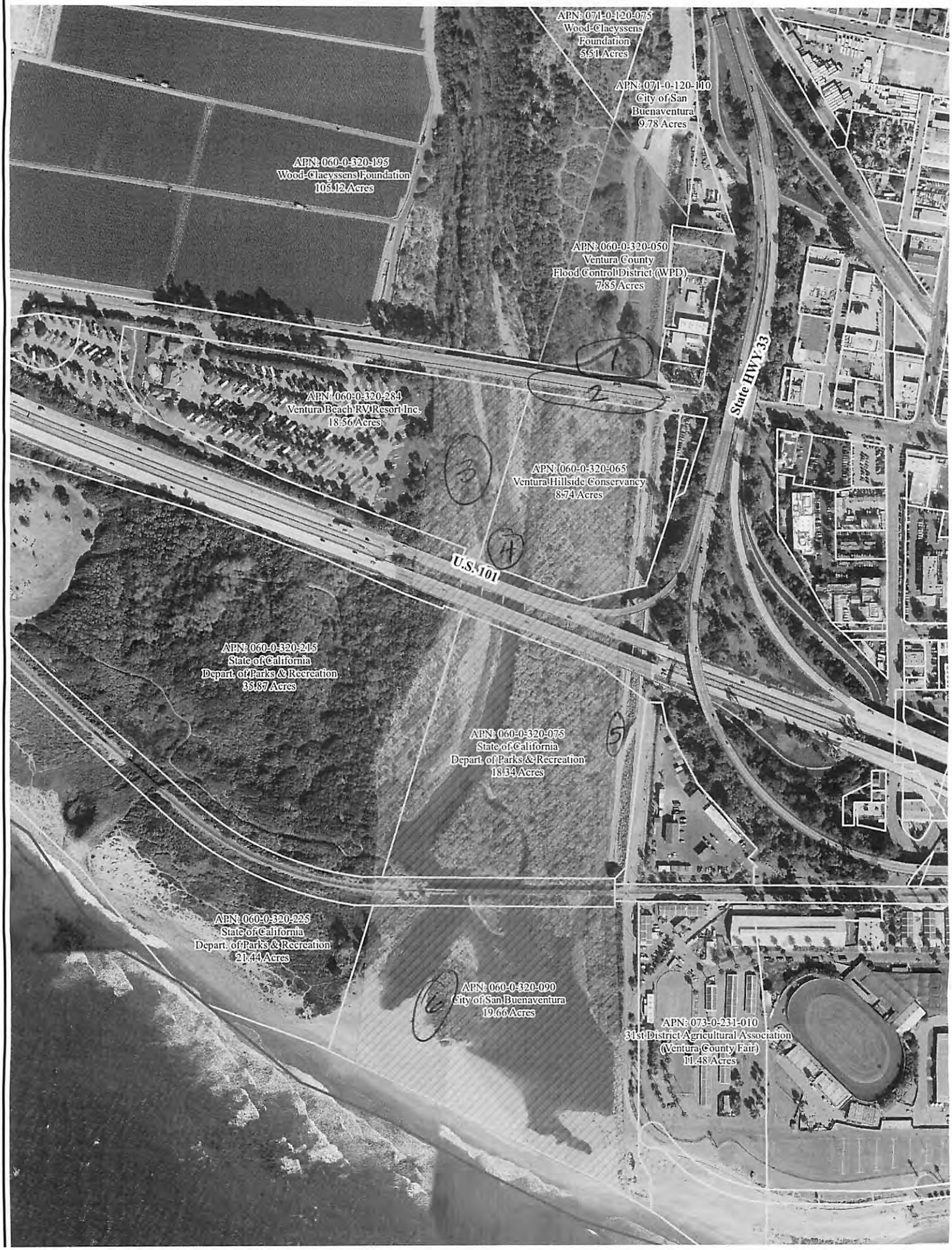
Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: plastic, styrofoams batteries, cigbutts, needle, food packaging, cusion, drawer, imbrella, blanket, tents, shopping baskets, shoes, clothes, cardboard, spray paint cans

Est. No. of Follow-up Cleanup Events Needed (describe why): One cleanup to follow survey

Additional Notes: N/A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11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 6/29/21

Inspector: K. DANIELS, D. HULST, B. GONZALES Survey Start/ End Time: 10AM / 1 PM

Current Weather Condition: overcast, humid

Antecedent Weather Condition: overcast, humid, warm

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), Category 2 (10-100 pcs), Category 3 (>100 pcs)

	Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1	county (4)	1	Litter: plastic bags, food packaging
2	Willoughby (3)	2	Abandoned camp
3	Willoughby (3)	2	active camp
4	Willoughby (3)	3	active camp
5	101 overpass (2)	1	trash pile, clothes pile, styro.
6	State Parks (2)	2	active camp
7	State Parks (2)	2	active camp
8	State Parks (2)	1	active camp
9	Estuary (1)	3	active camps
10	Beach (1)	1	clothes, backpack, food

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: bed, tents, blankets, food packaging, beer cans, pizza boxes, plastic bottles & bags, Landscaping tools, clothes, folding bed frame, luggage, glass bottles, spray paint cans

Est. No. of Follow-up Cleanup Events Needed (describe why):

One cleanup to follow survey

Additional Notes: #Active camps on city & Willoughby Posted – will inform State Parks of active camps on their property. Will request assisstance from VPD & social worker


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Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 3 Survey Date: 6/30/2021

Inspector: K.DANIELS, VPD, social worker Survey Start/ End Time: 8Am/ 10Am

Current Weather Condition: overcast, 68°F

Antecedent Weather Condition: overcast, 68°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
WILLOUGHBY (3)	3	Active campers (4)
WILLOUGHBY (3)	2	Active campers (1)

Types of Trash Observed (check all that apply):

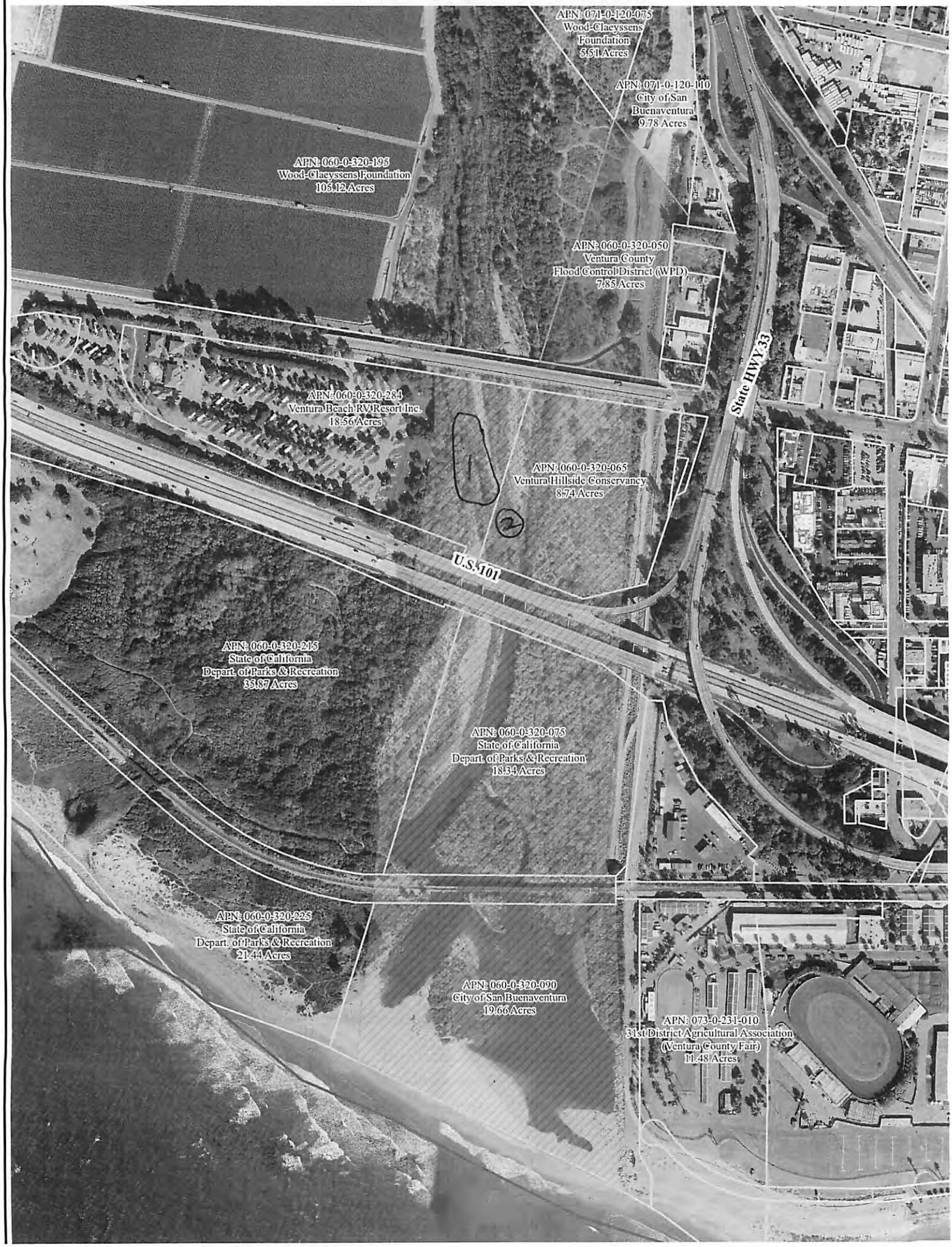
✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	✓ Other

Notes: tents, tarps, clothes, food, furniture, blankets, cushions + pillows, electronic parts, batteries, cans, bottles, plastic bags, bike parts, tools

Est. No. of Follow-up Cleanup Events Needed (describe why):

MEAC to follow on Friday, 7/2 providing campers time to remove their personal belongings

Additional Notes: N/A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Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 7/7/2021

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10 AM / 12PM

Current Weather Condition: partly cloudy, 64°F

Antecedent Weather Condition: partly cloudy, 64°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1) WILLOUGHBY (3)	2	Active camps
2) WILLOUGHBY (3)	2	Active camp
3) WILLOUGHBY (3)	1	laundry basket + bedding
4) WILLOUGHBY (3)	2	cardboard, broken furniture, trash
5) Estuary (1)	2	lg trash pile, bedding
6) Beach (1)	2	active camp

Types of Trash Observed (check all that apply):

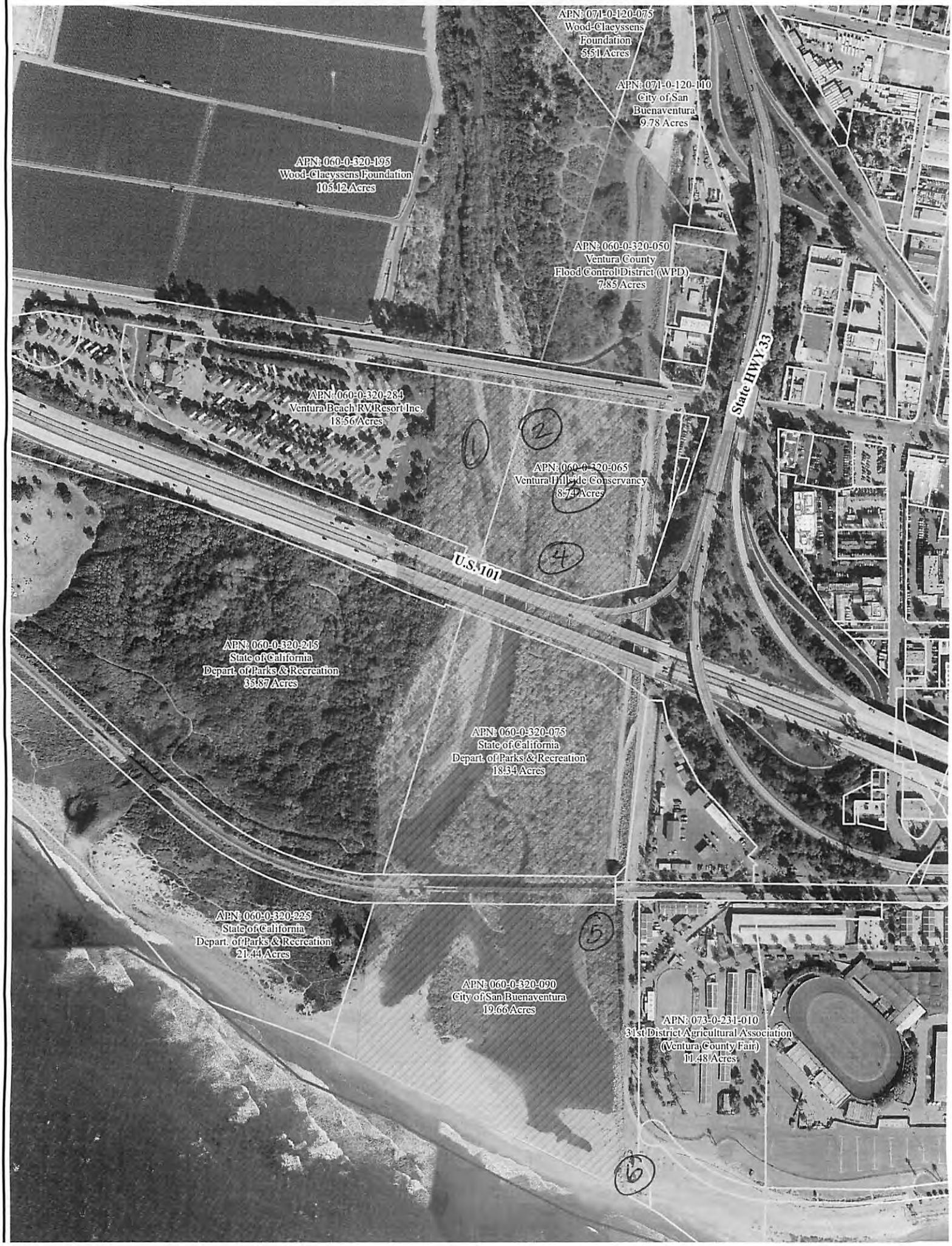
✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: bike parts, batteries, drug paraphernalia, furniture cardboard, food packaging, plastic bags + bottles

Est. No. of Follow-up Cleanup Events Needed (describe why):

one cleanup to follow survey

Additional Notes: N/A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Wood-Claeyssens Foundation
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APN: 060-0-320-050
Ventura County
Flood Control District (WPD)
7.85 Acres
State HWY 33
APN: 060-0-320-284
Ventura Beach RV Resort Inc.
18.56 Acres
1
2
APN: 060-0-320-065
Ventura Hillside Conservancy
8.74 Acres
4
U.S. 101
APN: 060-0-320-215
State of California
Depart. of Parks & Recreation
35.87 Acres
APN: 060-0-320-075
State of California
Depart. of Parks & Recreation
18.34 Acres
APN: 060-0-320-225
State of California
Depart. of Parks & Recreation
21.44 Acres
5
APN: 060-0-320-090
City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres
6

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 7/8/2021

Inspector: K. DANIELS, VOLUNTEERS (2) Survey Start/ End Time: 10 AM / 12PM

Current Weather Condition: Overcast, 68°F

Antecedent Weather Condition: Overcast, 68°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1) County (4)	2	abandoned camp
2) Main St Bridge (3)	1	Litter
3) Willoughby	1	trash pile
4) State Parks	1	food packaging
5) Estuary	3	active camps

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

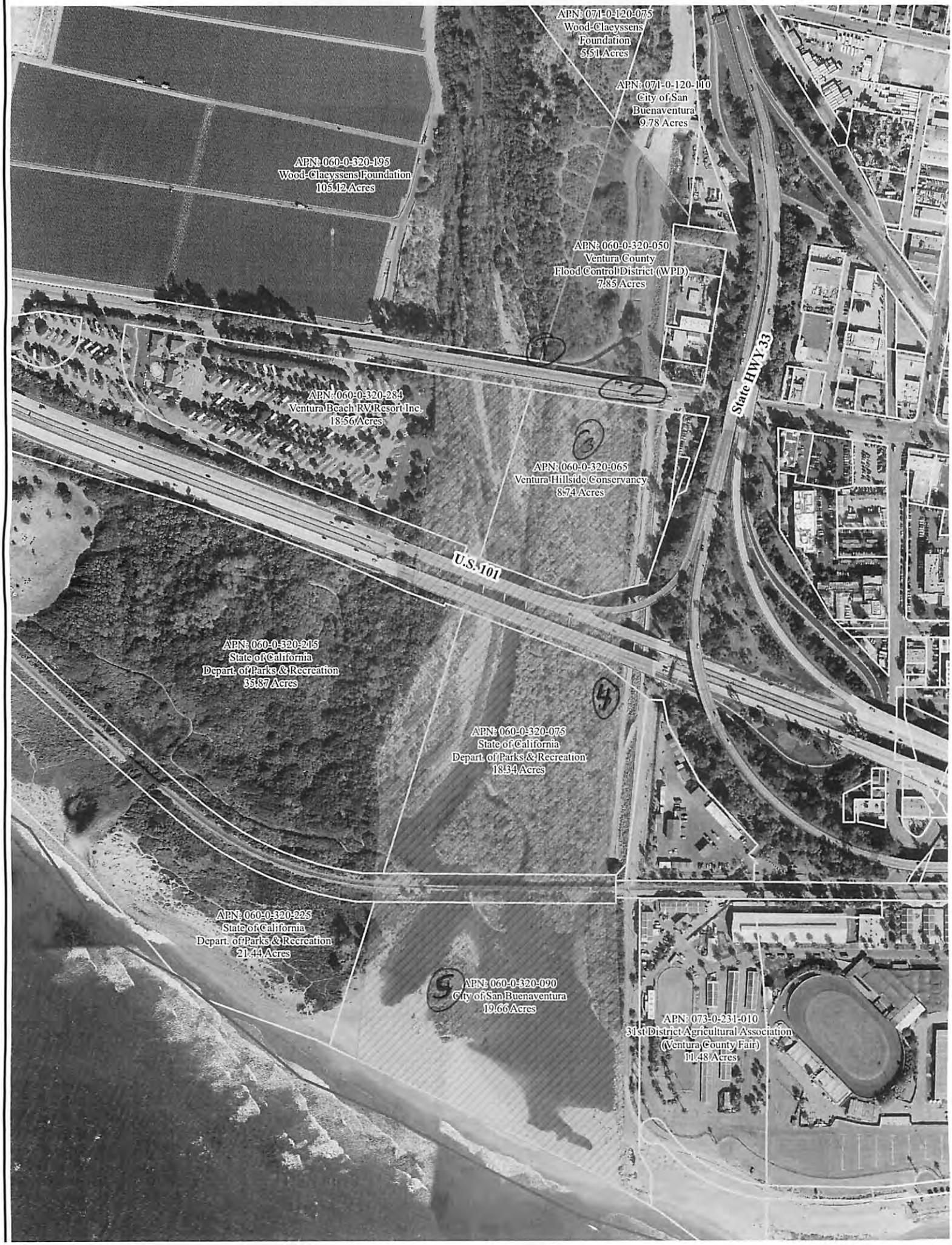
Notes: bike parts, rug, plastic bags & bottles, food packaging batteries, spray paint cans, glass bottles, tents.

Est. No. of Follow-up Cleanup Events Needed (describe why):

One Cleanup to follow survey

Estuary Cleanup w/ VPD – date TBD

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
Foundation
5.51 Acres
APN: 071-0-120-110
City of San
Buenaventura
9.78 Acres
APN: 060-0-320-195
Wood-Claeyssens Foundation
105.12 Acres
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Ventura County
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City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 7/14/2021

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10AM / 12PM

Current Weather Condition: Overcast, 105°F

Antecedent Weather Condition: Overcast, 105°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

	Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1	WILLOUGHBY (3)	1	abandoned camp
2	WILLOUGHBY (3)	2	active camp
3	STATE PARKS (2)	1	litter
4	ESTUARY (1)	3	active camps
5	BEACH (1)	1	litter, abandoned camp
6	WILLOUGHBY/PARKING LOT	2	trash pile, shopping cart

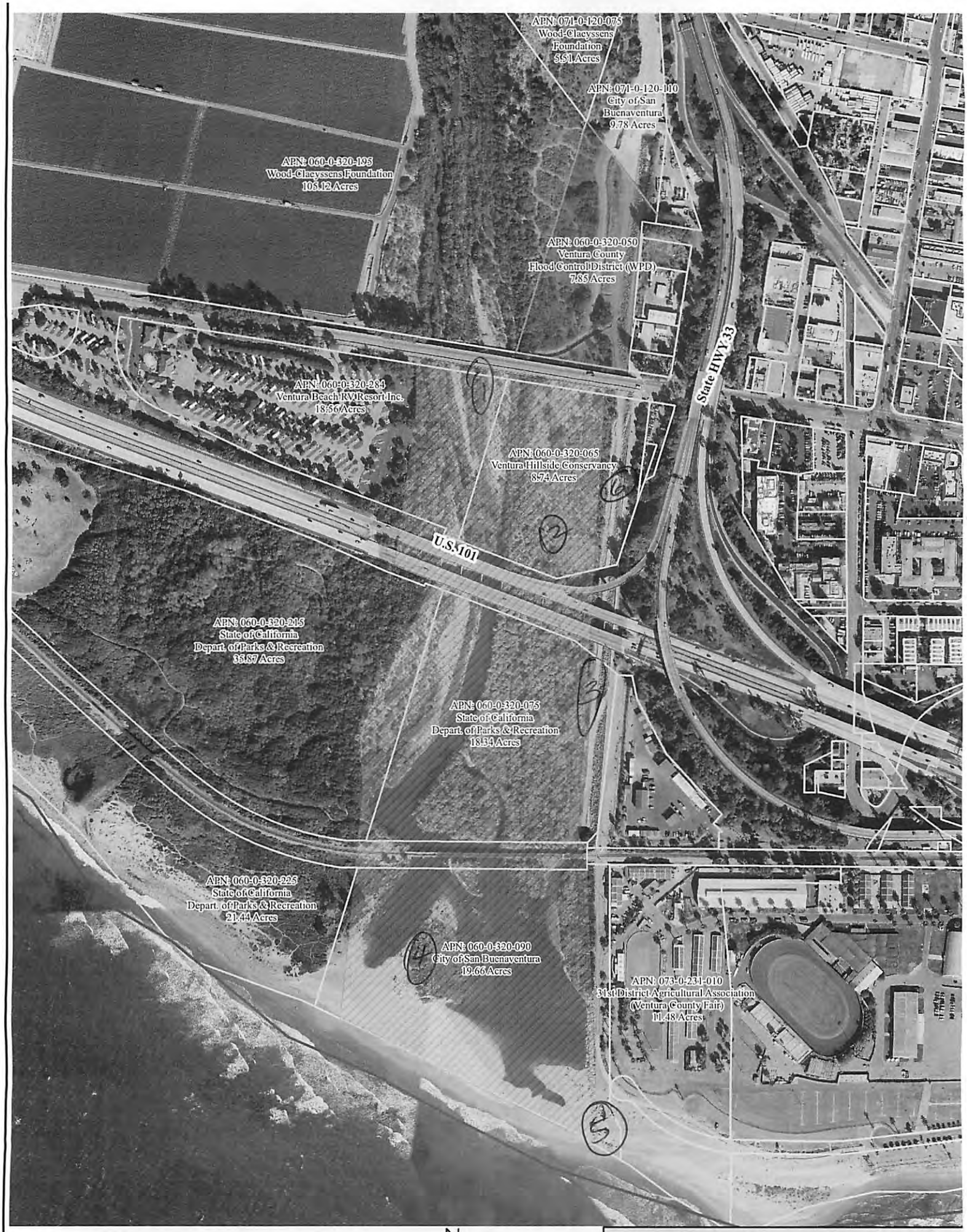
Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: Shopping carts, food packaging, paper, cardboard, plastic bags & bottles, cans, batteries, glass bottles

Est. No. of Follow-up Cleanup Events Needed (describe why): One cleanup to follow survey

Additional Notes: N/A



Ventura River

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 7/21/21

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10 AM / 12 PM

Current Weather Condition: sunny, hazy, breezy

Antecedent Weather Condition: sunny hazy breezy

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. main st bridge (3)	1	Litter
2. County (4)	1	active camp
3. Willoughby (3)	1	clothes, blankets, Radio Flyer Plastic wagon
4. Willoughby (3)	1	vacuum box, litter
5. Willoughby (3)	1	Active camp
6. State Parks (2)	2	Active camp
7. State parks (2)	1	litter, bedding/foam
8. Estuary (1)	3	Active camps
9. Beach (1)	2	Active camp

Types of Trash Observed (check all that apply):

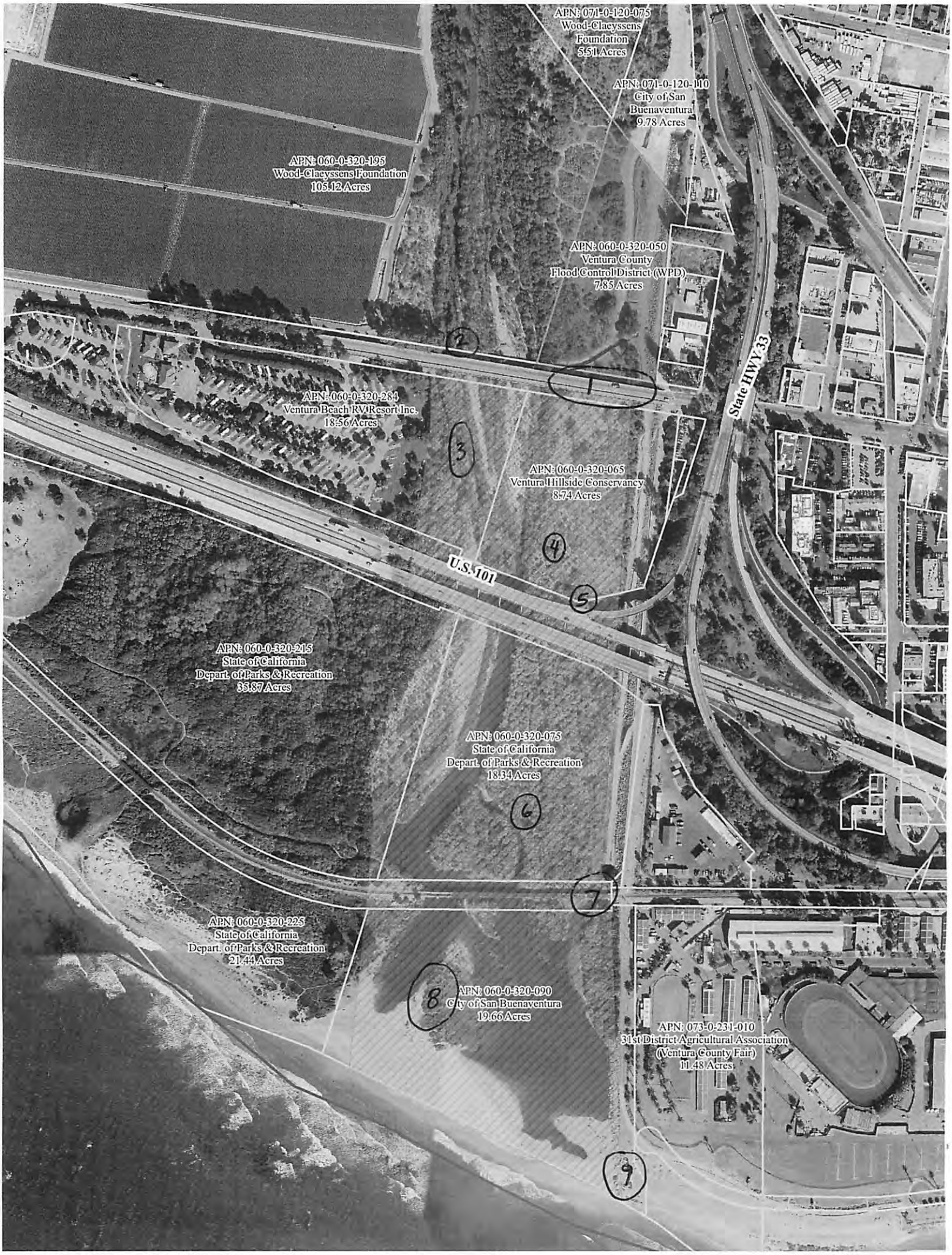
✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: food packaging, tents, tarps, blankets, clothes, toiletries, laundry soaps, plastic bags + bottles, cans, glass bottles, batteries, foam bedding

Est. No. of Follow-up Cleanup Events Needed (describe why):

one cleanup to follow survey

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
Foundation
5.51 Acres
APN: 071-0-120-110
City of San
Buenaventura
9.78 Acres
APN: 060-0-320-195
Wood-Claeyssens Foundation
105.12 Acres
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Ventura County
Flood Control District (WPD)
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State HWY 33
APN: 060-0-320-284
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APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres
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Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 8/4/2021

Inspector: K. DANIELS B. GONZALES Survey Start/ End Time: 10AM 12PM

Current Weather Condition: Sunny 1010°F

Antecedent Weather Condition: Sunny 1010°F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. County (4)	1	trash pile
2. Main st bridge (3)	1	active camp
3. Main st bridge (3)	2	litter/trash piles/clothes/tarp
4. Willoughby (3)	2	abandoned camp
5. 101 overpass (2)	2	trash piles
6. State Parks (2)	2	abandoned camp
6. Train trestle (2)	1	litter: plastic, food wrappers
7. Beach (1)	1	blankets, clothes, cat food
8 estuary (1)	3	active camps, burnt trash, blankets, sleeping bag, trash

Types of Trash Observed (check all that apply):

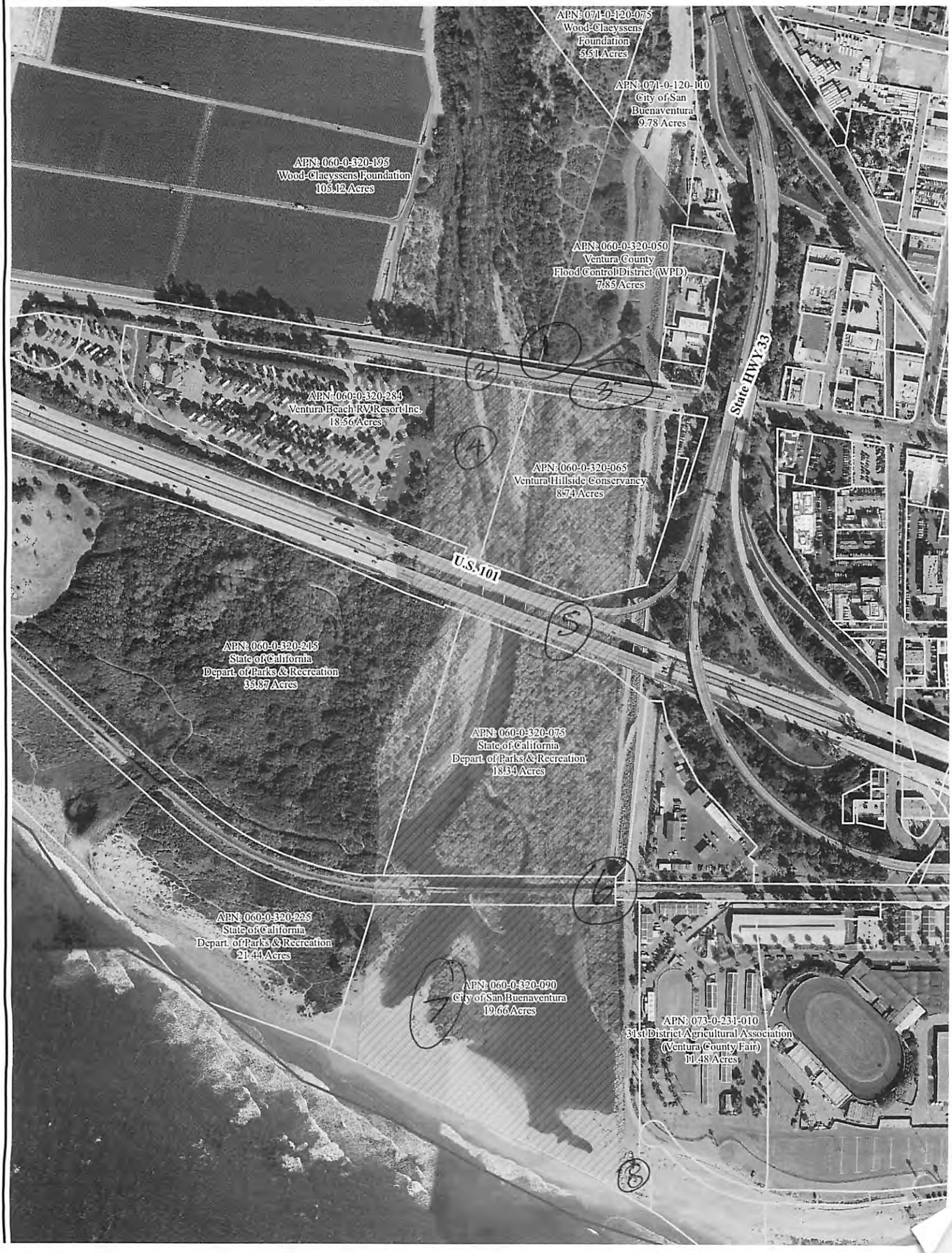
✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: blankets, clothes, pizza boxes, plastic bottles & bags cans, glass bottles, drug paraphernalia, food packaging food waste, paint, shopping cart (modified), tarps

Est. No. of Follow-up Cleanup Events Needed (describe why):

one cleanup to follow survey

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
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City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 8/11/21

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10 AM/ 12 PM

Current Weather Condition: 66°F partly cloudy

Antecedent Weather Condition: 64°F, partly cloudy

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. County (4)	1	food wrappers, plastics,
2. Main St Bridge (3)	1	
3. Willoughby (3)	1	abandoned camp
4. Willoughby (3)	2	trash pile
5. 101 overpass (2)	1	blanket, spray paint cans, bike parts, plastics
6. State parks (2)	2	abandoned camp
7. train trestle (2)	1	food wrappers, plastic cups, microtrash
8. Estuary (1)	3	active camps
9. Estuary (1)	2	5-gal bucket, styrofoam coolers, shoes, plastics
10. Beach (1)	1	plastics, food wrappers,

Types of Trash Observed (check all that apply):

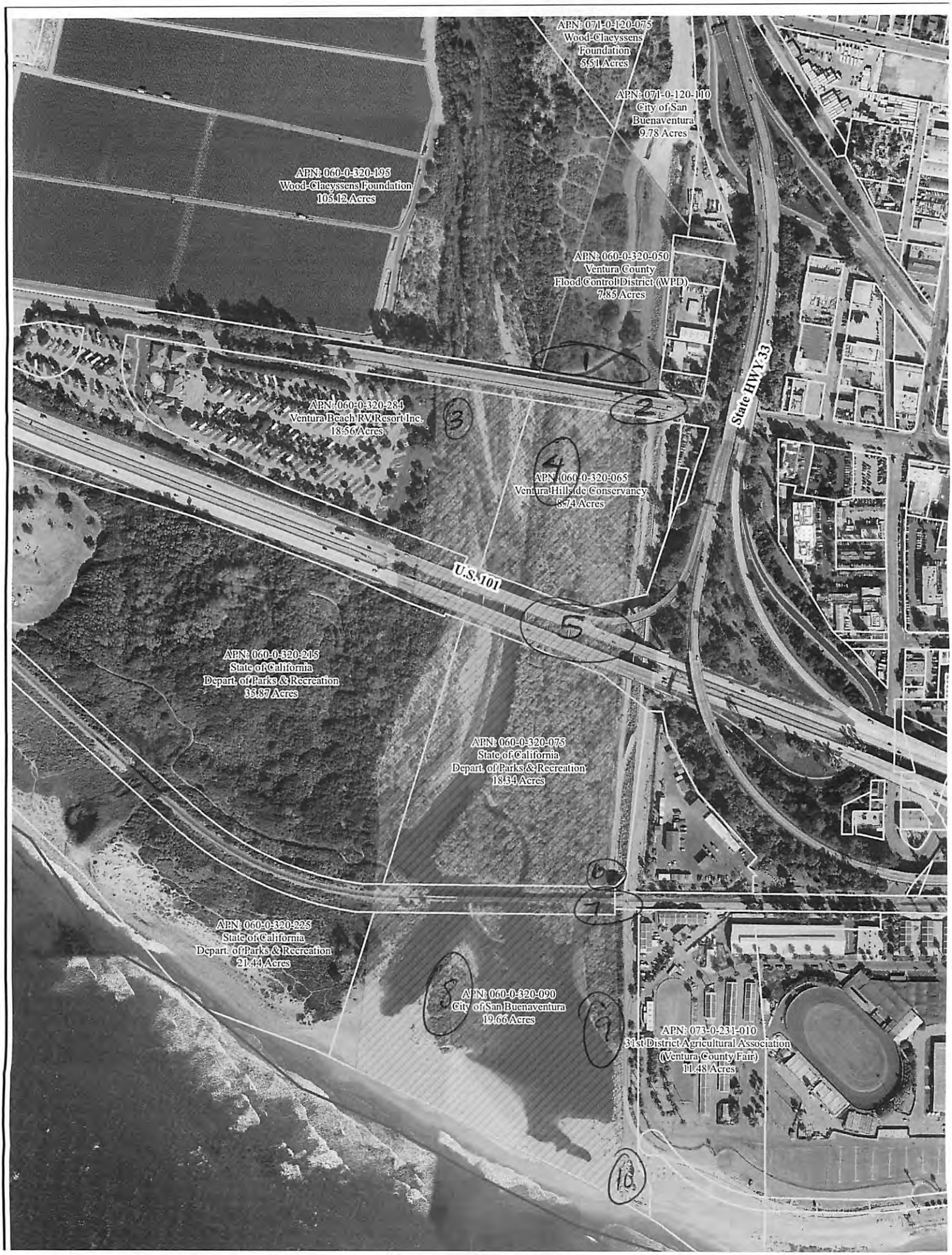
Plastic/ Styrofoam	Paper Products/Biodegradable	Household Items
Landscape Materials	Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: clothes, blankets/sheets, styrofoam cooler, backpack, plastic bags & bottles, food cans, spray paint cans, 5-gal bucket, shoes, bike parts, drug paraphernelia

Est. No. of Follow-up Cleanup Events Needed (describe why):

One cleanup to follow survey

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
Foundation
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APN: 071-0-120-110
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Buenaventura
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31st District Agricultural Association
(Ventura County Fair)
11.48 Acres
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Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 8/18/2021

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10AM 12PM

Current Weather Condition: overcast 70's F

Antecedent Weather Condition: overcast 70's F

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. county (4)	1	trash pile
2. Main St. Bridge (3)	1	food wrappers, bottles, microtrash
3. Willoughby (3)	2	Trash pile
4. 101 Overpass (2)	1	parts, spray paint, microtrash
5. Estuary (1)	3	Encampment trash
6. Beach (1)	1	cigarette butts, microtrash plastic cup, flip flop

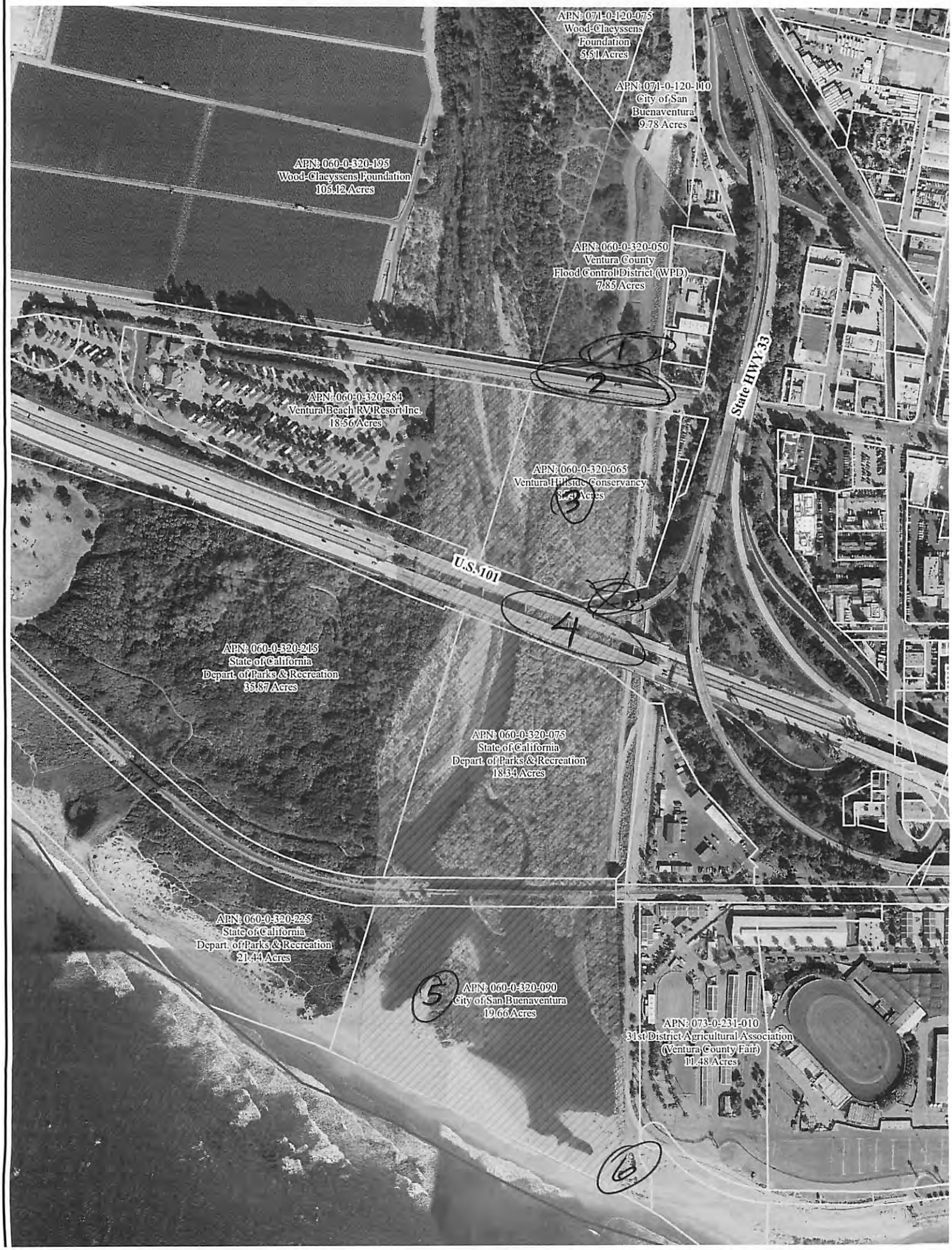
Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tarps, blankets, clothes & shoes, computer parts, plastics, bike parts, aluminum cardboard, batteries, hamper

Est. No. of Follow-up Cleanup Events Needed (describe why): one cleanup to follow survey

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
Foundation
5.51 Acres
APN: 071-0-120-110
City of San
Buenaventura
9.78 Acres
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Ventura County
Flood Control District (WPD)
7.85 Acres
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State HWY 33
APN: 060-0-320-284
Ventura Beach RV Resort Inc.
18.56 Acres
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Ventura Hillside Conservancy
3
U.S. 101
4
APN: 060-0-320-215
State of California
Depart. of Parks & Recreation
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5
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City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres
6

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 9/2/2021

Inspector: F. DANIELS, VOLUNTEER Survey Start/ End Time: 11:30AM 12:30

Current Weather Condition: partly Sunny

Antecedent Weather Condition: partly Sunny

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), Category 2 (10-100 pcs), Category 3 (>100 pcs)

	Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1	Main St Bridge (3)	2	Trash piles
2	Willoughby (3)	2	Abandoned camp
3	Willoughby (3)	2	trash pile
4	Willoughby (3)	1	trash pile
5	Estuary (1)	3	Active camps
6	Beach (1)	1	Active camp

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: Sleeping bag, clothes, toiletries, food packaging

Est. No. of Follow-up Cleanup Events Needed (describe why):

One cleanup to follow survey

Additional Notes: Estuary cleanup on 9/10 w/ VPD, State Parks, City Safe + Clean to address illegal camps.


APN: 071-0-120-075
Wood-Claeyssens
Foundation
5.51 Acres
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City of San
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Wood-Claeyssens Foundation
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APN: 060-0-320-050
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City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres
6

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1,2,3,4 Survey Date: 9/8/2021

Inspector: E. DANIELS, B. GONZALES Survey Start/ End Time: 10 AM / 12 PM

Current Weather Condition: ~~Sunny~~ Overcast

Antecedent Weather Condition: ~~Sunny~~ Overcast

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), Category 2 (10-100 pcs), Category 3 (>100 pcs)

	Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1	County	1	litter
2	County	1	abandoned camp
3	Main St Bridge	1	clothes, blanket, towel, litter
4	Willoughby	2	abandoned camp, bike
5	101 overpass	1	spray paint cans, litter
6	Estuary	3	active camps
7	Beach	1	abandoned camp

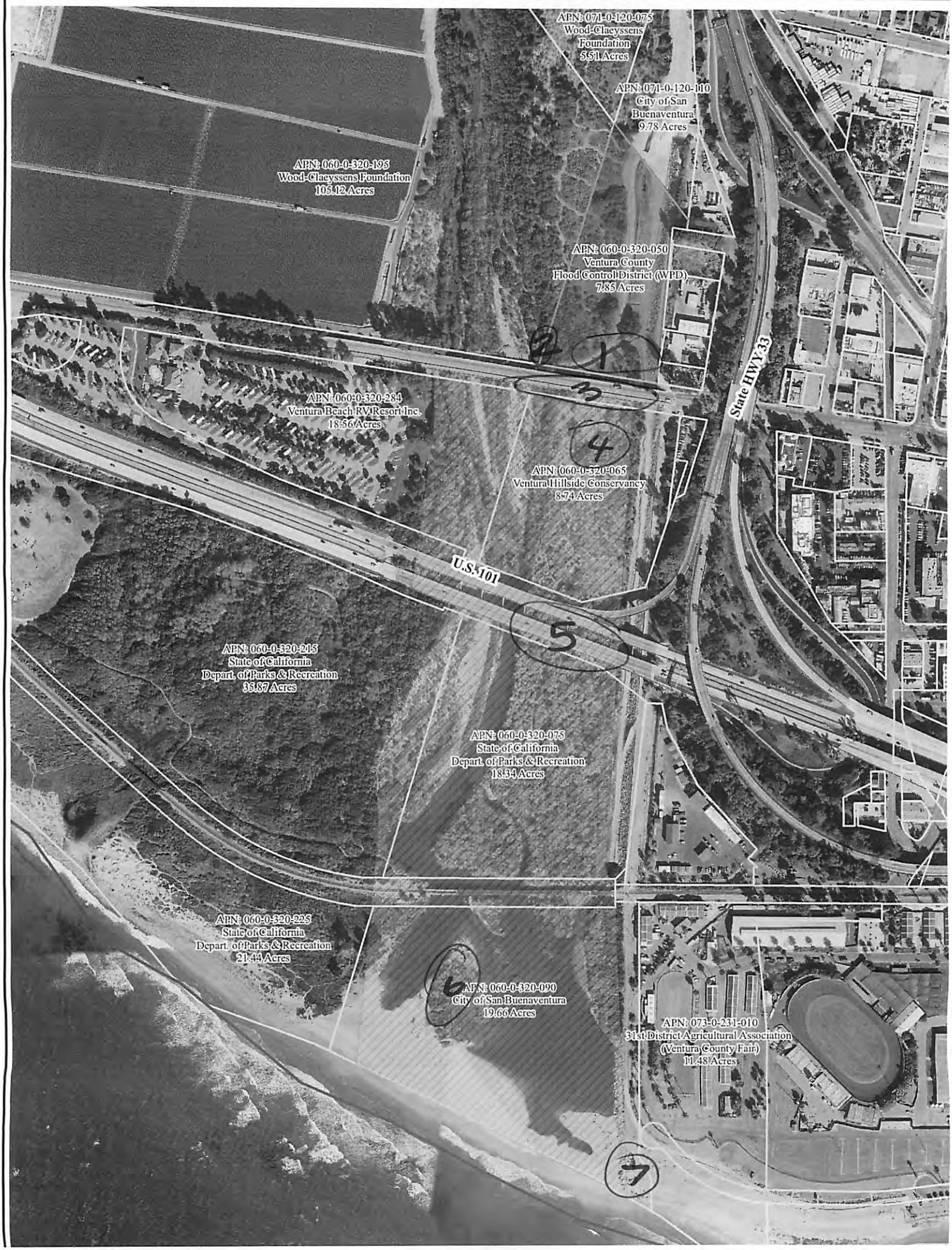
Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: food packaging, plastic bottles & bags, plastic tote lids, luggage, clothes, blankets / towels, beverage cans, bathroom floor mat, tents, tarps, bike, bike parts

Est. No. of Follow-up Cleanup Events Needed (describe why): 2;
one cleanup to follow survey 9/8
one cleanup to address estuary camps 9/10

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
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19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 9/15/2021

Inspector: K. DANIELS, B. GONZALES Survey Start/ End Time: 10AM / 12PM

Current Weather Condition: SUNNY 60S

Antecedent Weather Condition: SUNNY 60S

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. County / 4	1	litter
2. Willoughby / 3	2	clothes, abandoned camp
3. 101 overpass / #2	2	active camps
4. State parks / #2	1	abandoned bike
5. Beach / 1	1	litter, abandoned camp

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- Personal Effects
- ✓ Paper Products/Biodegradable
- Aluminum/ Metal
- Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- Biohazardous
- Other

Notes: plastic bags + bottles, tent, bike, blankets, furniture, batteries

Est. No. of Follow-up Cleanup Events Needed (describe why): One cleanup to follow survey

Additional Notes: N/A


APN: 071-0-120-075
Wood-Claeyssens
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Wood-Claeyssens Foundation
105.12 Acres
APN: 060-0-320-050
Ventura County
Flood Control District (WPD)
7.85 Acres
State HWY 33
APN: 060-0-320-284
Ventura Beach RV Resort Inc.
18.56 Acres
APN: 060-0-320-065
Ventura Hillside Conservancy
8.74 Acres
U.S. 101
APN: 060-0-320-215
State of California
Depart. of Parks & Recreation
35.87 Acres
APN: 060-0-320-075
State of California
Depart. of Parks & Recreation
18.54 Acres
APN: 060-0-320-225
State of California
Depart. of Parks & Recreation
21.44 Acres
APN: 060-0-320-090
City of San Buenaventura
19.66 Acres
APN: 073-0-231-010
31st District Agricultural Association
(Ventura County Fair)
11.48 Acres

Appendix A – Trash Visual Survey Worksheet

Trash Visual Survey Worksheet

Parcel No.: 1, 2, 3, 4 Survey Date: 9/17/2021

Inspector: K. DANIELS, B. GON, VOLUNTEER Survey Start/ End Time: 10AM / 12PM

Current Weather Condition: SUNNY, 60'S

Antecedent Weather Condition: SUNNY, 60'S

Level of Trash Observed:

Refer to Program Monitoring Area Map as necessary. Note any categorical variation in levels of trash observed in different areas of the parcel. If necessary, categorize these areas individually.

KEY: Category 1 (<10 pcs), **Category 2** (10-100 pcs), **Category 3** (>100 pcs)

Notes/ Parcel Area:	Category:	Reason(s) for Category Rating:
1. Willoughby 1,3	1	wagon, abandoned camp
2. 101 overpass/2	2	Active camps, sand bags
3 101 overpass/2	2	active camp

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/Biodegradable	✓ Household Items
✓ Landscape Materials	Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: plastic bags/bottles/films/wrappers, food containers wagon, clothes, tents, tarps, blankets, bikes luggage

Est. No. of Follow-up Cleanup Events Needed (describe why):

One cleanup to follow survey

Additional Notes: N/A

Legend

- Parcels
- Ventura River Trash TMDL Subwatershed
- TMDL Defined Estuary
- Adjacent Properties

N

1 inch = 350 feet

0 190 380 760 Feet

Ventura River Trash TMDL Estuary Subwatershed Area (as defined by TMDL)

DISCLAIMER:
The information combined hereon was created by the County of Ventura Geographic Information System (GIS) data which is operated for the convenience of the County. The County of Watershed Protection District makes no representation or warranty of this map, based on County GIS data, is accurate and that it contains no errors or omissions; and asserts that no economic or physical reliance should be placed on the County data or on any conclusions generated from County GIS data contained hereon.

Created By S. Greer

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: October 6th 2020

Specific Cleanup Location: Wilbur/Ivy/St. Parks Event Start/ End Time: 3pm / 5pm

Field Technician name(s): D. Holst, B. Gonzalez, T. Baker

Current Weather Condition: Clear, warm

Antecedent Weather Condition: Clear

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- Other

Notes: Spray paint cans, pizza boxes, bike parts, couch cushion, clothing, car batteries, generator, gas can, oil cans, tin cans, pots + pans, propane tanks, hats, glasses, bike, golf clubs, metal detector, knives, TV, playstation, games, plastic webbing.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine cleanups + surveys

Additional Notes: VPD to assist 10/12.

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4

MFAC Area #3: 17 MFAC Area #4: 2

Total No. of Trash Bags Filled: 24 Dumpster % Fill: 25 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dan Holst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Event Date: October 17th 2020

Specific Cleanup Location: Wilbushby Event Start/ End Time: 9Am / 2pm

Field Technician name(s): D. Hurst / Volunteers (6)

Current Weather Condition: Clear warm

Antecedent Weather Condition: Clear, windy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: Bicycle parts, bed frame, blow up mattress, tarp, guitars, drum set, TV, milk crates, BBQ, foldable chair, Q-tips, needles, umbrella, chain, makeup, clothing, zip ties, propane tank, car batteries, aluminum cans, glass bottles, food wrappers, knives, needles, cig butts.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Additional cleanup tomorrow 10/13 w/ assistnce from VPD.

Additional Notes: VPD assisted today, and will be back tomorrow.

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 70 MFAC Area #4: 0

Total No. of Trash Bags Filled: 70 Dumpster % Fill: 70 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dan Hurst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: October 13th 2020

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 11 Am / 1pm

Field Technician name(s): D. Hurst, B. Gonzales, Volunteers (3)

Current Weather Condition: Clear, warm

Antecedent Weather Condition: Hot

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: Tent stakes, car batteries, carpet, blankets, clothing, bed frame, food wrappers, bike parts, tires, foam, towels, needles, aluminum cans, glass bottles, plastic containers, wooden bed frame, vacuum, tables, phone case, chargers.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups.

Additional Notes: Assistance from VPD provided today.

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4

MFAC Area #3: 15 MFAC Area #4: 1

Total No. of Trash Bags Filled: 21 Dumpster % Fill: 18 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - David Hurst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3, 4 Event Date: October 20th 2020

Specific Cleanup Location: Willoughby Event Start/ End Time: 10:30am/ 1pm

Field Technician name(s): Dittrist, B. Gonzales, T. Baker.

Current Weather Condition: overcast

Antecedent Weather Condition: clear

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- Other

Notes: Aluminum cans, clothing, shoes, Bicycles, Bike parts, food wrappers, pizza boxes, plastic bottles, needles, pots + pans, cards, needles, newspaper, rope, tent stakes, tents, blankets, sleeping bags, wood bedframe, milk crates, car batteries, solar panels, Batteries.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine patrols + cleanups.

Additional Notes: VPD called as one camper was combative. His camp has been posted 3 times. He ran off when VPD arrived, and the camp was cleaned.

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 20 MFAC Area #4: 1

Total No. of Trash Bags Filled: 21 Dumpster % Fill: 15 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - [signature]

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: October 28th 2020

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: Noon 12pm

Field Technician name(s): D. Hoist, B. Gonzales, Volunteers (2)

Current Weather Condition: Clear, breezy

Antecedent Weather Condition: Clear, breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: Tents, bicycles, bike parts, tires, plastic bottles, aluminum cans, newspaper, pizza boxes, tarps, tent stakes, shovel, mining pan, clothing, food wrappers, needles, crack pipes, propane stove, musical instruments.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 2

MFAC Area #3: 14 MFAC Area #4: 0

Total No. of Trash Bags Filled: 17 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dave Hoist

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 23 Event Date: November 3rd 2020

Specific Cleanup Location: State Parks, Willoughby Event Start/ End Time: 11:30AM 1PM

Field Technician name(s): D. Hulst, K. Daniels

Current Weather Condition: Clear, warm

Antecedent Weather Condition: Breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: Styrofoam pebbles, packaging material, suitcases, clothing, shoes, deodorant, newspaper, pizza boxes, blankets, tents, tent stakes, duffle bag, spear gun, baseball bat, desk chair, lumber, bike frame, bike parts, plastic bags

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: Active camps are off Willoughby Row under Main Street Bridge

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 1

MFAC Area #3: 8 MFAC Area #4: 1

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." -

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: November 5th 2020

Specific Cleanup Location: 1, 2, 3 4 Event Start/ End Time: 10am 1 2pm

Field Technician name(s): DiHoist, B. Gonzales, Volunteers (2)

Current Weather Condition: Warm,

Antecedent Weather Condition: Warm, Breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- Other

Notes: Bicycle frames, Dirt Bike, motorcycle frame, Styro foam, pizza boxes, cardboard, aluminum hoop nails from, plastic Bottles, glass bottles, tent stakes, Coleman Lantern, propane tanks, hangers, needles, Bong, porno magazines, Q tips, Beer cans.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + Cleanups.

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 5

MFAC Area #3: 15 MFAC Area #4: 0

Total No. of Trash Bags Filled: 21 Dumpster % Fill: 15 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - David Hoist

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: November 11th 2020

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 3:30 / 5pm

Field Technician name(s): D. Holst, B. Gonzales, Volunteers (3)

Current Weather Condition: Clear, Sunny

Antecedent Weather Condition: Clear, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: Clothing, shoes, blankets, pallet, Bicycle parts, Bicycles, motor parts, packaging materials, mail, newspaper, plastic bags, pizza boxes, shampoo, soap, towels, skateboards, bong, needles, lighter, trash can, metal stakes, mirror glass.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 7

MFAC Area #3: 10 MFAC Area #4: 0

Total No. of Trash Bags Filled: 18 Dumpster % Fill: 15 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dan Holst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 11.17.20

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: /

Field Technician name(s): Bomberos, volunteers

Current Weather Condition: overcast, misty

Antecedent Weather Condition: overcast, misty

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	Sports Equipment	Other

Notes: clothing, pallet, food containers, blankets, storage containers, bike parts, cooking supplies

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: routine surveys + cleanups

Additional Notes: river level rising due to sand filling in / closing off estuary @ ocean

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 3

MFAC Area #3: 5 MFAC Area #4: 1

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - [signature] / Bryan Gonzales

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: November 21st 2020
Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: Noon 12pm
Field Technician name(s): Dillust, B. Gonzales, Volunteers (2)
Current Weather Condition: Clear, Breezy
Antecedent Weather Condition: Clear, Breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: Pallet, Bicycles, Bicycle parts, card board, Blue plastic water jug, fake flowers, glass vase, plastic trash bags, 9v batteries, burlap bags, carpet, tarps, clothing, wheels, tires, fishing pole, glass bottles, aluminum cans, food wrappers, needles, newspaper.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: Water level is rising in Ventura River.

Trash Collected:
No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 3
MFAC Area #3: 10 MFAC Area #4: 1
Total No. of Trash Bags Filled: 15 Dumpster % Fill: 15 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Dillust

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 12-2-20

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: Noon 1 7pm

Field Technician name(s): D. Hulst, B. Gonzales, K. Daniels, T. Baker.

Current Weather Condition: Clear

Antecedent Weather Condition: Clear, breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- Other

Notes: Clothing, bedding, glass bottles, aluminum cans, cardboard, ottoman, wood bed frame, propane tanks, car battery, bike tires, styrofoam, shoes, pizza boxes, plastic bags, pill bottles, needles, magazines, newspapers, lighters.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups.

Additional Notes: The water level is the Ventura River is rising. There is a sandbar in parcel one that is blocking the out flow.

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4

MFAC Area #3: 14 MFAC Area #4: 2

Total No. of Trash Bags Filled: 21 Dumpster % Fill: 18 Dumpster Size (cubic yds): 46

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - [signature]

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Willoughby Preserve Event Date: 12-7-20
Specific Cleanup Location: Near RV Park Event Start/ End Time: 11:45 AM 2:45 PM
Field Technician name(s): D. Hulst, K. Daniels, B. Gonzalez, Volunteer(1)
Current Weather Condition: Windy, Warm
Antecedent Weather Condition: Windy, Warm

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	✓ Other

Notes: Quad (4 wheeler), 12 gallon Laundry Detergent container, Blankets, Clothing, Shoes, giant stuffed animal, plastic bags, tin cans w/ food, flip flops, tent stakes, BBQ grill, coolers, Bicycle parts, Bicycle frames, lawn chairs, Holiday decorations, Lawn mowers

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: Trash from this cleanup was collected through the RV park, so we didn't have to bill it as far. Thanks to Dania.

Trash Collected:
No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0
MFAC Area #3: 24 MFAC Area #4: 0
Total No. of Trash Bags Filled: 24 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Daniel Hulst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: Willoughby (3) Event Date: 12/11/2020

Specific Cleanup Location: Main St. Bridge Event Start/ End Time: 12:00pm / 2:00pm

Field Technician name(s): D. Hist K. Daniels

Current Weather Condition: partly cloudy cool

Antecedent Weather Condition: partly cloudy cool

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	✓Household Items
✓Landscape Materials	✓Aluminum/ Metal	✓Automotive
Toxic/ Hazardous Materials	✓Glass	✓Biohazardous
✓Personal Effects	✓Sports Equipment	✓Other

Notes: Bike trailer, suitcases, TVs needles, large Tent carpet, sleeping pad, clothes, bottles, cans batteries, CAR battery, stroller, bike parts, tires, beach chair, styrophome, food wrappers clothing, shoes, books, magazines

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine survey & cleanup

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 30 MFAC Area #4: 0

Total No. of Trash Bags Filled: 30 Dumpster % Fill: 17% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2, 3 Event Date: 12/14/2020

Specific Cleanup Location: 2, 3 Event Start/ End Time: 12:00PM 2:00PM

Field Technician name(s): K. DANIELS D. HULST

Current Weather Condition: cool, partly cloudy

Antecedent Weather Condition: cool, partly cloudy

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: Bike parts, food wrappers, spray cans, styrophome cups, batteries, glass, shelves, blankets, clothes, cigarette butts plastic bags, cardboard

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Survey & Cleanup

Additional Notes: VPD & County Social worker to join survey on Friday

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 2

MFAC Area #3: 10 MFAC Area #4: 0

Total No. of Trash Bags Filled: 12 Dumpster % Fill: 8% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2, 3 Event Date: 12/18/2020

Specific Cleanup Location: Main St Bridge / 101 Bridge Event Start/ End Time: 11 AM / 1 PM

Field Technician name(s): D. Hulst K. DANIELS Volunteers (3)

Current Weather Condition: Sunny, 70°

Antecedent Weather Condition: Sunny, 70°

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: cups, food wrappers, pizza boxes, bike parts, large sign, wire fencing, car battery, tents pallets, wardrobe hanger, dishes, soap, deodorant, clothes, blankets, curtains spray cans

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine survey and cleanup

Additional Notes: Walked through w/ VPD (Sgt Anselmo) to assist w/ moving camps. Will be working closely w/ VPD to follow up over next few months

Trash Collected:

No. of Trash bags from MFAC Area #1: 8 MFAC Area #2: 4

MFAC Area #3: 10 MFAC Area #4: 8

Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Event Date: 12/22/20

Specific Cleanup Location: Main St. Bridge Event Start/ End Time: 11 AM / 1 PM

Field Technician name(s): K. DANIELS, B. Gonzales Volunteers (1)

Current Weather Condition: Sunny, High 60's/Low 70's, calm

Antecedent Weather Condition: Sunny, Low 70's, calm

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Paper Products/ Biodegradable
- ✓ Household Items
- ✓ Landscape Materials
- ✓ Aluminum/ Metal
- ✓ Automotive
- ✓ Toxic/ Hazardous Materials
- ✓ Glass
- ✓ Biohazardous
- ✓ Personal Effects
- ✓ Sports Equipment
- ✓ Other

Notes: spring mattress, air mattress, blankets, tents, sheets, curtains, bike parts, car battery, large shovel, food wrap, pizza boxes, spray cans, TV, game console, suitcases, tarps, furniture, plastic totes, plastic bags propane tanks, glass, needles, styrofoam cooler,

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Survey + Cleanup

Additional Notes: Walked main St. Bridge w/ Sgt Anselmo and others from VPD to assist with moving out campers - very helpful!

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 40 MFAC Area #4: 0

Total No. of Trash Bags Filled: 40 Dumpster % Fill: 20 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 12-28-20

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: Noon / 2pm

Field Technician name(s): D. Holst, Volunteers (5)

Current Weather Condition: Rainy, cool

Antecedent Weather Condition: Rainy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Paper Products/ Biodegradable
- ✓ Household Items
- ✓ Landscape Materials
- ✓ Aluminum/ Metal
- ✓ Automotive
- ✓ Toxic/ Hazardous Materials
- ✓ Glass
- ✓ Biohazardous
- ✓ Personal Effects
- ✓ Sports Equipment
- Other

Notes: Needles, sleeping bag, clothing, shoes, styrofoam, food wrappers, cardboard, chain link fence, coffee cups, glass bottles, propane tank, crack pipes, aluminum cans, bike tires, bike parts, batteries, aluminum water bottles, kerosol paint cans.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Patrols

Additional Notes: Continue to work w/ VPD to address homeless issue under Main St Bridge.

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 3

MFAC Area #3: 11 MFAC Area #4: 1

Total No. of Trash Bags Filled: 16 Dumpster % Fill: 12 Dumpster Size (cubic yds): ~~4~~

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dawn Holst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: January 6th 2021
Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 11 Noon / 2pm
Field Technician name(s): D. Hulst, Volunteers (3)
Current Weather Condition: Breezy, cool
Antecedent Weather Condition: Breezy, cool

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: Bicycle frames, scrap wood, Christmas lights, water jugs, tarps, blankets, clothing, blankets, aluminum cans, plastic Bottles, glass shards, & tips, food wrappers, aerosol paint cans, 5 gallon bucket, tent stakes, tin cans, trash bags, pallet, Boom box.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + ~~pest~~ cleanups.

Additional Notes: After working with VPD to clear all campers from under Main Street Bridge, the campers have now set up under the ~~no~~ 101 overpass.

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4
MFAC Area #3: 8 MFAC Area #4: 1
Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Dan Hulst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 1-12-21

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: Noon / 3pm

Field Technician name(s): D. Hulst, B. Gonzalez, T. Baker.

Current Weather Condition: clear, breezy

Antecedent Weather Condition: Overcast

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- Other

Notes: Shopping cart, Bicycle frames, Styrofoam cooler, golf clubs, make up, shoes, clothes, spray paint cans, cardboard, aluminum grocery racks, wooden bed frame, tires, wagon, Wheeled cart, musical instruments, plastic bins, tent, tarp, sleeping pad, needles.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + patrols

Additional Notes: Assistance from VPD provided. Law enforcement presence seems to be helping.

Trash Collected:

No. of Trash bags from MFAC Area #1: 2 MFAC Area #2: 10

MFAC Area #3: 15 MFAC Area #4: 1

Total No. of Trash Bags Filled: 28 Dumpster % Fill: 20 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Dan Hulst

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 1/19/21

Specific Cleanup Location: 1234 Event Start/ End Time: 12 pm 12 pm

Field Technician name(s): D. HUIST, K. DANIELS, VOLUNTEERS (2)

Current Weather Condition: sunny, strong winds

Antecedent Weather Condition: sunny, strong winds

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	✓ Other

Notes: Furniture, Clothes, toiletries, bike/bike parts, blankets, tents, food wrappers, cutting board, baby stroller, dolly, TV, spray paint cans, Styrophone cups, 5 gal water jug, cardboard, pots, curtains, shopping carts, backpacks

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Patrol Survey & Clean up

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 14

MFAC Area #3: 17 MFAC Area #4: 0

Total No. of Trash Bags Filled: 32 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Event Date: 1/22/21

Specific Cleanup Location: 3 Event Start/ End Time: 11 AM / 1 PM

Field Technician name(s): D. Huist K. Daniels + 1 volunteer

Current Weather Condition: partly cloudy, cool

Antecedent Weather Condition: partly cloudy, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	✓ Other

Notes: mattresses, bed frame parts, TV, pots, knives, blankets, clothes, tents, food wrappers, plastic bags glass bottles, Aluminum cans, guitars, tarp, Toys, papers, cardboard, hand tools, wagon, bean bag chair cot, rocking chair, shopping cart

Potential Source(s) of Trash Collected:

Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine survey & Cleanup

Additional Notes: will continue to work w/ VPD

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 30 MFAC Area #4: 0

Total No. of Trash Bags Filled: 30 Dumpster % Fill: 12 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 1/26/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM/2PM

Field Technician name(s): D. Hulst, K. Daniels +2

Current Weather Condition: clear, chilly, breezy

Antecedent Weather Condition: clear, sunny, breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- ✓ Other

Notes: batteries, needles, plastic bags/cups/utensils cardboard, aluminum framing, bike, blankets, clothes, shopping carts, food wrappers, yoga mat, backpack, clothes, shoes, cans hand tools,

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Survey & Cleanup

Additional Notes: Expecting 2-3 days of rain this week Gave campers notice to evacuate w/ their belongings, and instructions to find temporary shelter w/ local motels through The River Community church

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 5

MFAC Area #3: 5 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 8% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2, 3, 4 Event Date: 2/1/2021

Specific Cleanup Location: 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, BRYAN GONZALES, (1) volunteer

Current Weather Condition: partly sunny, breezy

Antecedent Weather Condition: partly sunny, breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- * Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: paint bucket & trays, aerosol cans, glass, batteries, lawn chair, bags w/ trash, food wrappers, pizza boxes to-go containers, needles, electrical wires, bike parts, cans, books, clothes, empty backpacks/purses, toys art frames, toiletries, water jugs, shopping cart, stroller

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & Cleanups

Additional Notes: Routine VPD presence is helping, as we are encountering fewer campers & camps.

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 5

MFAC Area #3: 7 MFAC Area #4: 2

Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 2/5/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS + 2 volunteers

Current Weather Condition: Sunny, 60's

Antecedent Weather Condition: Sunny, 60s

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	Household Items
Landscape Materials	✓Aluminum/ Metal	Automotive
✓Toxic/ Hazardous Materials	✓Glass	Biohazardous
✓Personal Effects	Sports Equipment	Other

Notes: Clothes, blankets, food wrappers, face masks, plastic bottles, cans, plastic bags, toiletries cardboard, metal scraps, bike parts, batteries

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 2

MFAC Area #3: 4 MFAC Area #4: 1

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 2/8/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 11AM / 12PM

Field Technician name(s): K. DANIELS, B. GONZALES, 1 volunteer

Current Weather Condition: partly sunny, cool

Antecedent Weather Condition: partly sunny, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: bike parts, batteries, shoes, clothes, blankets, stroller, food packaging/wrappers, plastic bottles, spray paint cans, pillow, hamper, skateboard deck, tarp, plastic bag, glass bottles, cans, plastic bags pizza boxes, styrophome

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & Cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 3

MFAC Area #3: 4 MFAC Area #4: 0

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 2/16/2021

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12pm 12pm

Field Technician name(s): K. DANIELS, B. GONZALES, volunteer (1)

Current Weather Condition: Hazy, cool

Antecedent Weather Condition: Hazy, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: Kitchen appliances, skiis, shopping carts, plastic bags & bottles, clothes, styrophome scraps, cans, paint cans, bike parts, needles, papers, cigarette cartons, cig butts, batteries, blankets dolly, toiletries

Potential Source(s) of Trash Collected: Homeless activity wind-blown litter from freeway / main st.

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4

MFAC Area #3: 6 MFAC Area #4: 1

Total No. of Trash Bags Filled: 12 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 2/19/2021
Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12 PM / 1 PM
Field Technician name(s): K. DANIELS + volunteer (1)
Current Weather Condition: Clear & cool
Antecedent Weather Condition: Clear & cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: TV, blankets, batteries, glass/plastic bottles cans, spray paint cans, pizza box, food wrappers, bike parts, toiletries, pots & pans

Potential Source(s) of Trash Collected: Homeless activity
Wind-driven litter

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:
No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 4
MFAC Area #3: 3 MFAC Area #4: 0
Total No. of Trash Bags Filled: 7 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 2/23/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS + VOLUNTEERS (2)

Current Weather Condition: SUNNY, 60's, BREEZY

Antecedent Weather Condition: " " "

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	✓Household Items
✓Landscape Materials	✓Aluminum/ Metal	Automotive
✓Toxic/ Hazardous Materials	✓Glass	Biohazardous
✓Personal Effects	✓Sports Equipment	Other

Notes: TENT, BLANKETS, CLOTHES, CLEANING SUPPLIES, SHOVEL, LANDSCAPING TOOLS, ELECTRONICS BATTERIES, BOOKS/CDS, KITCHEN TOOLS, SUITCASES, SHELVING, COOLERS, WAGON, TARPS, FOOD WRAPPERS, PIZZA BOXES, BOTTLES & CANS

Potential Source(s) of Trash Collected: ① HOMELESS ACTIVITY ② LITTERING FROM PASSERS BY

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: ROUTINE SURVEYS & CLEANUPS

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 10

MFAC Area #3: 3 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 13 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2, 3 Event Date: 2/25/21

Specific Cleanup Location: 2, 3 Event Start/ End Time: 11AM 112PM

Field Technician name(s): K.DANIELS, B.GONZALES

Current Weather Condition: 60SF overcast Hazy

Antecedent Weather Condition: 60sF overcast hazy

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	✓Household Items
Landscape Materials	✓Aluminum/ Metal	✓Automotive
✓Toxic/ Hazardous Materials	✓Glass	Biohazardous
• Personal Effects	Sports Equipment	Other

Notes: pots + pans, ~~food~~ packaging, rugs, blankets, plastic bags + bottles, cans, paint roller, clothes, shoes, netting, laundry detergent bottle, toiletries, water pump, tire, rugs, ~~pp~~ backpack lighters,

Potential Source(s) of Trash Collected: Homeless activity, wind-driven from 101 overpass

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 5

MFAC Area #3: 1 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 6 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 2/26/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS, VOLUNTEER(1)

Current Weather Condition: high 60s, Sunny

Antecedent Weather Condition: " "

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	✓Household Items
Landscape Materials	✓Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓Glass	✓Biohazardous
Personal Effects	✓Sports Equipment	Other

Notes: Needles, bike parts, sleeping bag, blankets, clothes, bags of trash, food packaging/wrappers pizza box, needles, beer cans/bottles, old cans wood drawer, stroller, Styrophome cups, paint cans, plastic bags & bottles,

Potential Source(s) of Trash Collected: Homeless activity, Folks littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys & Cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 3 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 5 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/2/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12 PM / 2PM

Field Technician name(s): K. DANIELS, B. GONZALES, VOLUNTEER (1)

Current Weather Condition: partly sunny, 60's

Antecedent Weather Condition: partly sunny, 60's

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: bike parts, clothes, shoes, Styrophone bits/cups glass bottles, plastic bottles/bags, tarp, Lg. Trashcan pizza boxes, food packaging, spray paint cans small cooler, EZ up frame, Soda cans, toys, sm TV, toiletries

Potential Source(s) of Trash Collected: Homeless activity, general littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 6

MFAC Area #3: 2 MFAC Area #4: 0

Total No. of Trash Bags Filled: 9 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/5/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEER (1)

Current Weather Condition: 60's, Sunny, breezy

Antecedent Weather Condition: 60s, sunny, breezy

Types of Trash Observed (check all that apply):

✓Plastic/ Styrofoam	✓Paper Products/ Biodegradable	✓Household Items
Landscape Materials	✓Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓Glass	✓Biohazardous
Personal Effects	✓Sports Equipment	Other

Notes: mattress, surf board, needles, food cans pizza box, cardboard, styrophome cups, cat litter container, water jugs, beer/soda cans plastic bags/bottles, food wrappers, clothes

Potential Source(s) of Trash Collected: Homeless activity, general littering

Hazardous/ Legacy Trash Requiring Follow-up: Will follow up w/ active camps after VPD sweep

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: Coordinating big MFAC w/ navy volunteers to address problem areas @ active camps

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 1

MFAC Area #3: 1 MFAC Area #4: 0

Total No. of Trash Bags Filled: 2 Dumpster % Fill: 1 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/8/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEER (1)

Current Weather Condition: partly cloudy, cool

Antecedent Weather Condition: partly cloudy, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: needle, bike parts, clothes, blankets, canned food, plastic bags/bottles/food packaging, knife drug paraphernalia, kiddie pool, adult magazines fabric softener, face masks, spray paint cans cardboard, broken glass, styrophome scraps

Potential Source(s) of Trash Collected:

Homeless activity, general littering

Hazardous/ Legacy Trash Requiring Follow-up: Estuary & Island campus

MFAC Event Actions for Follow-up: US NAVY volunteers will assist with clean up following VPD walkthrough + routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 3

MFAC Area #3: 3 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2 Event Date: 3/11/2021

Specific Cleanup Location: 101 overpass Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS, D. HULST, B. GONZALES

Current Weather Condition: Cloudy, breezy, 60s°F

Antecedent Weather Condition: cloudy, breezy, 60s°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: Mattress, large tire, pallet, blankets, clothes, shoes, lighters, styrophome, soda bottles, wood planks, food wrappers, drug paraphernelia ottoman, camping chair, old cans, spraypaint cans glass, toiletries, tools

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 14

MFAC Area #3: Ø MFAC Area #4: Ø

Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2 Event Date: 3/12/2021

Specific Cleanup Location: state park Event Start/ End Time: 12PM/2PM

Field Technician name(s): K. DANIELS, VOLUNTEER (1)

Current Weather Condition: cold, cloudy, breezy

Antecedent Weather Condition: cold, cloudy, breezy

Types of Trash Observed (check all that apply):

Plastic/ Styrofoam	Paper Products/ Biodegradable	Household Items
Landscape Materials	Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: tarps, cardboard, mattress, EZ up framing, books, food, food wrappers/packaging, cans, glass bottles drug paraphernelia, blankets, clothes, camp stove, christmas decorations, styrophome, trash

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 12

MFAC Area #3: Ø MFAC Area #4: Ø

Total No. of Trash Bags Filled: 12 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/17/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 2PM / 4PM

Field Technician name(s): K. DANIELS, VOLUNTEER (1)

Current Weather Condition: Breezy, partly cloudy

Antecedent Weather Condition: Cool, breezy, partly cloudy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: old rusty cans, plastic bags/bottles, pizza boxes, glass bottles, spray paint cans, needles, bike parts, clothes, micro trash, shopping cart, camp chair, EZ up frame, twin size metal bed frame/cot food wrappers/packaging, chicken wire, large foam pillow Styrophome

Potential Source(s) of Trash Collected:

Homeless activity + general littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + cleanups

Additional Notes: Island cleanup scheduled for 3/20
Estuary cleanup in April.

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 4

MFAC Area #3: 2 MFAC Area #4: 0

Total No. of Trash Bags Filled: 6 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2,3 Event Date: 3/18/21

Specific Cleanup Location: 2,3 Event Start/ End Time: 11 AM / 1 pm

Field Technician name(s): K DANIELS, VOLUNTEERS (2)

Current Weather Condition: SUNNY, COOL

Antecedent Weather Condition: SUNNY, COOL

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: propane tank, landscaping tools, bike parts clothes, shoes, blankets, cans, glass bottles plastic bags/bottles, spray paint cans, needles other drug paraphernelia, styrophome cups + bits, cardboard, food packaging, pots/pans

Potential Source(s) of Trash Collected: homeless activity / littering

Hazardous/ Legacy Trash Requiring Follow-up: Active camps to be cleaned after VPD sweep

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: _____ MFAC Area #2: 4

MFAC Area #3: 5 MFAC Area #4: _____

Total No. of Trash Bags Filled: 9 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 2 Event Date: 3/20/21

Specific Cleanup Location: ISLAND Event Start/ End Time: 10:30 AM 12:30 PM

Field Technician name(s): K. DANIELS + VOLUNTEERS

Current Weather Condition: 60°F, scattered clouds

Antecedent Weather Condition: 60°F, scattered clouds

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: paper, styro, plastic, cardboard, tarps, rugs, clothes, shoes, skateboard, drawers, inflatable raft, drug paraphernalia, pots + pans, poker chips, glass bottles, cans, toiletries, food packaging, christmas lights, bike parts

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: Volunteers - USN Squadron VAW-117 out of point mugu

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 45

MFAC Area #3: 0 MFAC Area #4: 0

Total No. of Trash Bags Filled: 45 Dumpster % Fill: 20 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kabi Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/23/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 2 PM / 3 PM

Field Technician name(s): K. DANIELS + VOLUNTEER(S)

Current Weather Condition: 66°F, SUNNY

Antecedent Weather Condition: 66°F, SUNNY

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: area rug, pizza box, clothes, plastic bags/bottles bike parts, toiletries, shoes, utility bucket Styrofoam bits, spray paint cans, blankets

Potential Source(s) of Trash Collected: Homeless activity littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 4

MFAC Area #3: 2 MFAC Area #4: 0

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/24/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12pm - 4pm

Field Technician name(s): K. DANIELS + VOLUNTEER (1)

Current Weather Condition: 65°F, SUNNY

Antecedent Weather Condition: 65°F, SUNNY

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: Mattress, TV, ottoman storage, bike parts spray paint cans, folding chair, blankets clothes, shoes, rug, foam, styro, glass cans plastic bottles food packaging bags of trash, motor oil, needle

Potential Source(s) of Trash Collected: Homeless activity Littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: Active camper on state park packed up + left while we were cleaning the area.

Trash Collected:

No. of Trash bags from MFAC Area #1: 2 MFAC Area #2: 6

MFAC Area #3: 6 MFAC Area #4: 0

Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 3/26/21

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS + VOLUNTEER

Current Weather Condition: 60°F sunny

Antecedent Weather Condition: 60°F sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: clothes, shoes, blankets, backpack, toiletries, plastic bottles + bags, glass bottles, cans, food packaging, landscaping tools, storage containers axes, shopping cart, needle, drug paraphernalia

Potential Source(s) of Trash Collected: Homeless activity + littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: Difficulty moving campers – will coordinate w/ VPD + Westside social worker.

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 3

MFAC Area #3: 3 MFAC Area #4: 0

Total No. of Trash Bags Filled: 6 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 3/29/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12 PM / 2 PM

Field Technician name(s): K. DANIELS, VOLUNTEER (1)

Current Weather Condition: SUNNY, 60s

Antecedent Weather Condition: SUNNY, 60s

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: plastic bags/bottles, glass bottles, cans, blankets, clothes, satchel, spray paint cans + caps, toiletries, micro trash

Potential Source(s) of Trash Collected: Homeless activity; Littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: VPD arrived after MFAC; we informed them of lingering campers who have received notice, but haven't moved. We will coordinate a follow up walk through, if needed.

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 1

MFAC Area #3: 2 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 3 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kabi Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/2/2021
Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 1PM
Field Technician name(s): K. DANIELS, VOLUNTEER(1)
Current Weather Condition: Clear 64°F
Antecedent Weather Condition: Clear, 64°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	⊗ Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: blankets, tents, shoes, net chair, fish tackle box, cardboard/pizza box, glass, plastic, microtrash, beer cans, food packaging, wood 2x4.

Potential Source(s) of Trash Collected: Homeless Activity, Littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: VPD Assistance requested for 4/17 walk through

Trash Collected:
No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 2
MFAC Area #3: 3 MFAC Area #4: Ø
Total No. of Trash Bags Filled: 5 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/6/2021
Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM
Field Technician name(s): K. DANIELS, B. GONZALES
Current Weather Condition: Partly Cloudy, 61°F
Antecedent Weather Condition: Partly Cloudy, 61°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	✓ Other

Notes: plastic totes, rug, metal poles, old rusty cans, blankets, clothes, records, books, purse, generator, chainsaw, shoes, microtrash

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:
No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 5
MFAC Area #3: 5 MFAC Area #4: 0
Total No. of Trash Bags Filled: 10 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/13/2021

Specific Cleanup Location: 1, 2, 3 Event Start/ End Time: 12pm / 2pm

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: Cloudy 57°F

Antecedent Weather Condition: Cloudy 57°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	Sports Equipment	Other

Notes: Clothes, tent, tarp, blankets, travel bags, plastic bags, bags of trash, toiletries, food packaging, glass bottles, beer cans, soda bottles, ice cream cartons, drug paraphernalia, shoes/sandals, hamper, reclining chair

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: Estuary BIG EMFAC 4/17, After VPD walk-through 4/16

Trash Collected:

No. of Trash bags from MFAC Area #1: 4 MFAC Area #2: 2

MFAC Area #3: 8 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 14 Dumpster % Fill: 10 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/16/2021
Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM
Field Technician name(s): K. DANIELS, VOLUNTEER, VPD
Current Weather Condition: 60°F Clear
Antecedent Weather Condition: 60°F Clear

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: plastic bags & bottles, cans, microtrash, clothes toys, fast food trash, blanket, spray paint cans, cardboard, paper, food packaging/wrappers styrophone, batteries, bike parts

Potential Source(s) of Trash Collected: Homeless activity & littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Patrol surveys & cleanups

Additional Notes: Estuary cleanup planned for 4/17 without Navy crew - canceled - will try to recruit replacement volunteers & move forward with 4/17 cleanup

Trash Collected:
No. of Trash bags from MFAC Area #1: ~~1~~ 1 MFAC Area #2: 0
MFAC Area #3: 1 MFAC Area #4: 0
Total No. of Trash Bags Filled: 2 Dumpster % Fill: 2 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1 Event Date: 4/17/2021

Specific Cleanup Location: ESTUARY Event Start/ End Time: 11AM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEERS (2)

Current Weather Condition: 64°F Clear

Antecedent Weather Condition: 64°F Clear

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: clothes, shoes, books, electronics, batteries, needle drug paraphernelia, bike parts, blankets, tarps, food packaging, plastic bottles & styrophone, cans, drawers, hamper, handicap toilet

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: ROUTINE SURVEYS & CLEANUPS

Additional Notes: Some camps remain active despite VPD walkthrough ... will clean when safe.

Trash Collected:

No. of Trash bags from MFAC Area #1: 25 MFAC Area #2: 0

MFAC Area #3: 0 MFAC Area #4: 0

Total No. of Trash Bags Filled: 25 Dumpster % Fill: 15% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/20/2021

Specific Cleanup Location: 1-4, along bike path Event Start/ End Time: 5PM / 6PM

Field Technician name(s): K. DANIELS

Current Weather Condition: Overcast 50s°F

Antecedent Weather Condition: Overcast 50s°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: baby carrier, hamper, beer bottles paper, plastic, clothes, spray paint cans toys, bag of old rusty cans, pillow, blanket card board, bike parts

Potential Source(s) of Trash Collected: Homeless Activity Littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys e cleanup

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 2

MFAC Area #3: 4 MFAC Area #4: 1

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/22/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 3PM / 6PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: Partly Cloudy 60s °F

Antecedent Weather Condition: partly cloudy 60s °F

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- ✓ Other : FOOD SCRAPS

Notes: clothes, shoes, tent poles, toys, paper/plastic/alum. paint buckets, batteries, drug paraphernalia, spray paint cans, bike parts, tools, adult magazines, Roll of dog poo bags.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 6

MFAC Area #3: 6 MFAC Area #4: 0

Total No. of Trash Bags Filled: 13 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 4/26/2021

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 1PM 13PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: 60° partly cloudy

Antecedent Weather Condition: 60s partly cloudy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- ✓ Other

Notes: sleeping bags, blankets, camp stove, food packaging, broken glass, art supplies, needles, plastic bags, batteries, shoes drug paraphernalia.

Potential Source(s) of Trash Collected: Homeless activity, general littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: Will request VPD assistance to deal with active camps

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 3

MFAC Area #3: 5 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 8 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/27/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, [redacted] B. GONZALES

Current Weather Condition: 60s, Sunny

Antecedent Weather Condition: 60s, Sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: blankets, clothes, water jug, books, plastic bottles and wrappers/bags, cans & glass bottles, food packaging, batteries, large wood plank

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys & Cleanups

Additional Notes: Contacted VPD & requested the following: ① walk through ASAP ② Assisstance w/ Weekend Estuary cleanup

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 2

MFAC Area #3: 2 MFAC Area #4: 0

Total No. of Trash Bags Filled: 5 Dumpster % Fill: 40% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 4/30/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: 60's sunny

Antecedent Weather Condition: 60's sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: clothes, toilet paper, plastic bags, food packaging styrophome, art supplies, carrying case, cans, soda bottles, batteries, tarp, sheet bike parts, bottle caps, cardboard, cig. butts & empty cig cartons, shopping cart, crossbow packaging gasoline storage container

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: Camp that was cleaned in the beginning of the week now has 3+ new occupants w/ lots of stuff

Will follow up w/ VPD RE: sweep next week

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 2

MFAC Area #3: 3 MFAC Area #4: 0

Total No. of Trash Bags Filled: 5 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3,4 Event Date: 5/3/2021

Specific Cleanup Location: 3,4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, D. HULST

Current Weather Condition: Clear, 70's

Antecedent Weather Condition: Clear, 70's

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tires, bike parts, shopping cart, Styro, plastic bottles + bags, batteries, glass, spray paint cans Adult magazines, notebook, blanket, clothes

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 10 MFAC Area #4: 0

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 80% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 5/4/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: 70s Sunny

Antecedent Weather Condition: 70s Sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: clothes, blankets, food wrappers, cans Styrofoam, plastic bags/bottles paper/cardboard

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: VPD walk-through 5/6

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 5

MFAC Area #3: 8 MFAC Area #4: 0

Total No. of Trash Bags Filled: 13 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 5/6/2021

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K DANIELS, B GONZALES, VOLUNTEER

Current Weather Condition: overcast, cool

Antecedent Weather Condition: overcast, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
✓ Personal Effects	✓ Sports Equipment	Other

Notes: camping supplies, bike parts, rolling storage cart, batteries, toiletries, cooking pan, cardboard/glass/paper, car bumper, plastic bottles & bags, food packaging

Potential Source(s) of Trash Collected: Homeless activity & littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: 1

MFAC Area #3: 3 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 4 Dumpster % Fill: 1/2 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 5/12/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: overcast

Antecedent Weather Condition: overcast

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: drug paraphernelia, human feces & toilet paper, styrofoam glass beer bottles, beer cans, plastic bottles & bags, EZ-up frame, burnt rug, clothes, shoes, cardboard, paper, food packaging, blanket, pillow, stroller, batteries

Potential Source(s) of Trash Collected: Homeless activity & littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: notified VPD of fire activity & requested assisstance to prevent further damage/danger

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 4

MFAC Area #3: 4 MFAC Area #4: 0

Total No. of Trash Bags Filled: 8 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 5/24/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: Sunny, warm, breezy

Antecedent Weather Condition: Sunny, warm, breezy

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: plastic bags/bottles, food packaging/wrappers, clothes blankets, bike parts, buckets, cardboard motor oil, spray paint cans, batteries, drug paraphernalia

Potential Source(s) of Trash Collected: Homeless activity littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanup

Additional Notes: Estuary Cleanup w/ VPD, Safe + Clean Team FRIDAY June 4th

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 2

MFAC Area #3: 7 MFAC Area #4: 0

Total No. of Trash Bags Filled: 9 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 3 Event Date: June 1 2021

Specific Cleanup Location: Estuary/Willow St Event Start/ End Time: 2:30 / 3:30

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: overcast, cool

Antecedent Weather Condition: Overcast, cool

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: Recliner chair, plastic bags + bottles food packaging, spray paint cans, glass pizza box

Potential Source(s) of Trash Collected: homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 2 MFAC Area #2: _____

MFAC Area #3: * MFAC Area #4: _____

Total No. of Trash Bags Filled: 2 * Dumpster % Fill: 10% Dumpster Size (cubic yds): _____

* Large recliner chair

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - _____

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: June 2 2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 1:00 / 2:00

Field Technician name(s): KDANIELS

Current Weather Condition: cool, partly sunny

Antecedent Weather Condition: cool, partly sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	✓ Other

Notes: blanket, clothes, backpack, food packaging, bottles, glass, spray paint cans, cardboard, Styrofoam, face masks, cig carton & butts, cement board sub flooring

Potential Source(s) of Trash Collected: Littering, homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: .5 MFAC Area #2: .5

MFAC Area #3: .5 MFAC Area #4: .5

Total No. of Trash Bags Filled: 2 Dumpster % Fill: 1% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1 Event Date: June 4 2021

Specific Cleanup Location: ESTUARY Event Start/ End Time: 9AM / 12PM

Field Technician name(s): K. DANIELS, VOLUNTEERS

Current Weather Condition: cool, patchy fog - sunny

Antecedent Weather Condition: cool, patchy fog

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	✓ Other

Notes: needles, batteries, car antifreeze, pallet, mattresses, kayak, sleeping bag, blankets, tents, tarps, cans, glass, plastic bottles + bags, clothes, shoes, food stuff, food wrappers/packaging, home decor, cardboard boxes + scraps, grill/camp stove parts, bike parts,

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: Community cleanup hosted by VLT in partnership w/ VPD, State Parks, and city.

Trash Collected:

No. of Trash bags from MFAC Area #1: 100 MFAC Area #2: 0

MFAC Area #3: 0 MFAC Area #4: 0

Total No. of Trash Bags Filled: 100 Dumpster % Fill: 70% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3, 4 Event Date: 6/10/21

Specific Cleanup Location: 3, 4 Event Start/ End Time: 12pm / 2pm

Field Technician name(s): KDANIELS, VOLUNTEER

Current Weather Condition: Sunny high 60s

Antecedent Weather Condition: sunny high 60s

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: cans, glass bottles, plastic bags & bottles, food packaging batteries, needles, drug paraphernalia, bike, bike parts spray paint cans, clothes, shoes, cardboard, cushions dismantled recliner chair, blankets, feminine hygiene products

Potential Source(s) of Trash Collected: homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 8 MFAC Area #4: 1

Total No. of Trash Bags Filled: 9 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 6/15/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 11AM / 1PM

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: Sunny, warm

Antecedent Weather Condition: Sunny, warm

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: toiletries, food waste + packaging, cardboard, furniture, bike parts, spray paint cans, clothes, generator, plastic bottles + bags, cans, spray paint, Styrofoam, glass, batteries, needle

Potential Source(s) of Trash Collected: Homeless activity + littering

Hazardous/ Legacy Trash Requiring Follow-up: NA

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 2

MFAC Area #3: 7 MFAC Area #4: 0

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 5% Dumpster Size (cubic yds): 46

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 6/24/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, VOLUNTEERS

Current Weather Condition: Sunny 65°F breezy

Antecedent Weather Condition: Sunny 65°F breezy

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- Automotive
- ✓ Biohazardous
- Other

Notes: bike parts, drawer, food packaging, batteries, needles glass, cans, spray paint cans, tent, tarp, blankets, backpacks, shoes, clothes, large shade umbrella, shopping buskets, Styrofoam, plastic bags & bottles Kitchen accessories, Suitcase, pizza boxes, paper

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up:

Routine surveys & cleanups

Additional Notes: Requesting assisstance from VPD and social worker to address lingering camps on Willoughby property

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 1

MFAC Area #3: 10 MFAC Area #4: 1

Total No. of Trash Bags Filled: 12 Dumpster % Fill: 75% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 6/29/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 1PM / 4PM

Field Technician name(s): K. DANIELS, D. HULST, B. GONZALES

Current Weather Condition: overcast

Antecedent Weather Condition: overcast

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: bike parts, clothes, shoes, food packaging, plastic bottles & bags, needles, spray paint cans, pizza boxes, batteries, pallets, luggage, crates, beer cans, fishing tools, folding bed frame, walker bike tires, styrofoam,

Potential Source(s) of Trash Collected: Homeless activity, graffiti artists littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups walk through w/ VPD

Additional Notes: Requested walkthrough w/ VPD & social worker

Trash Collected:

No. of Trash bags from MFAC Area #1: 3 MFAC Area #2: 4

MFAC Area #3: 10 MFAC Area #4: 1

Total No. of Trash Bags Filled: 18 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Event Date: 7/2/2021

Specific Cleanup Location: 3 Event Start/ End Time: 8 AM 1 12 PM

Field Technician name(s): K. DANIELS, D. HULST, B. GONZALES

Current Weather Condition: partly cloudy, 65°F

Antecedent Weather Condition: partly cloudy, 65°F

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: mattresses, tarps, tents, strollers, batteries, solar panel, food + food packaging, tools, cardboard, blankets, clothes + shoes, bikes + bike parts, plastic bottles + bags, toiletries, drug paraphernelia, cans, propane tanks, chairs, gasoline, rooftop cargo carrier, paint

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys + Cleanups

Additional Notes: W/ VPD assisstance, all active camps on Willoughby have been cleared

Trash Collected:

No. of Trash bags from MFAC Area #1: Ø MFAC Area #2: Ø

MFAC Area #3: 75 MFAC Area #4: Ø

Total No. of Trash Bags Filled: 75 Dumpster % Fill: 80 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 7/7/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: partly cloudy, 68°F

Antecedent Weather Condition: partly cloudy, 68°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: cardboard, bike part, bedding, clothes, food packaging, furniture, plastic bags & bottles, batteries, drug paraphernelia, spray paint cans, boots, pull up bar, broken furniture, tarp, moving blanket

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine Surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 4 MFAC Area #2: 0

MFAC Area #3: 6 MFAC Area #4: 0

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniel

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 7/8/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12 PM / 2 PM

Field Technician name(s): K. DANIELS, VOLUNTEERS (2)

Current Weather Condition: partly cloudy, 70°F

Antecedent Weather Condition: partly cloudy, 70°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: bike parts, batteries, plastic bags & bottles, rug, spray paint cans, glass bottles, beer cans, area rug, clothes, blanket

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Patrol surveys & cleanup + MFAC w/ VPD to cleanup Estuary

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 2 MFAC Area #4: 1

Total No. of Trash Bags Filled: 5 Dumpster % Fill: 2 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 3 Event Date: 7/9/2021

Specific Cleanup Location: 3 Event Start/ End Time: 8 AM / 10 AM

Field Technician name(s): K. DANIELS w/ VPD assistance

Current Weather Condition: partly cloudy, 68°F

Antecedent Weather Condition: partly cloudy, 68°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	✓ Other

Notes: cardboard, dolly, plastic bags + bottles, spray paint cans, Styrofoam, food packaging batteries

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 0 MFAC Area #2: 0

MFAC Area #3: 2 MFAC Area #4: 0

Total No. of Trash Bags Filled: 2 Dumpster % Fill: 0.5 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniel

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 7/14/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: partly cloudy, 68°F

Antecedent Weather Condition: partly cloudy, 68°F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: Shopping carts (3), food packaging, tent, tarp, plastic bags & bottles, blankets, cushions, glass bottles, spray paint, 5 Gal water jug, batteries, bike parts

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine cleanups & surveys

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 3 MFAC Area #4: 0

Total No. of Trash Bags Filled: 5 Dumpster % Fill: 2 Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 7/21/24

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12pm/ 2pm

Field Technician name(s): K.DANIELS, B.GONZALES

Current Weather Condition: Sunny breezy

Antecedent Weather Condition: Sunny breezy

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tents tarps, pizza boxes, vacuum box, tissue paper, cardboard, glass bottles, cans, spray paint, clothes, shoes, blankets, plastic bags & bottles, cigarette butts, radio fryer plastic wagon, bike parts, food packaging

Potential Source(s) of Trash Collected: Littering, Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: Estuary is back to what it was prior to June 4th cleanup. Contacted VRD today to request assistance w/ another Estuary cleanup ASAP

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 4 MFAC Area #4: 0

Total No. of Trash Bags Filled: 6 Dumpster % Fill: 2% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 8/4/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM/ 3PM

Field Technician name(s): K. DANIELS, B. GONZALES, VOLUNTEER

Current Weather Condition: Sunny 70° F

Antecedent Weather Condition: Sunny 70° F

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tarps, blankets, cookware, camping stove, clothes, pizza boxes, food packaging, food waste, plastic bottles plastic bags, spray paint cans, glass bottles, drug paraphernelia, house paint, generator or pump parts/engine closet storage shelves, pillows, cigarette butts.

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 5 MFAC Area #2: 2

MFAC Area #3: 12 MFAC Area #4: 1

Total No. of Trash Bags Filled: 20 Dumpster % Fill: 10% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 8/11/21

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12AM

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: 70°F, partly cloudy

Antecedent Weather Condition: 66°F, partly cloudy

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	✓ Automotive
Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	✓ Other

Notes: clothes, food packaging, plastic bags & bottles, linens, blankets, spray paint cans, cardboard, pizza boxes, cans, glass bottles, drug paraphernelia, styrofoam cooler & pieces

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 4 MFAC Area #2: 2

MFAC Area #3: 4 MFAC Area #4: 1

Total No. of Trash Bags Filled: 11 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 8/18/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM / 2PM

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: misty, overcast, 60'sF

Antecedent Weather Condition: misty, overcast, 60'sF

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: Food & beverage cans, spraypaint cans, plastic bags & bottles, pizza boxes, bike parts, hamper, clothes & shoes, furniture hardware, computer parts, batteries, tarps, blankets

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up:

Routine surveys and cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 6 MFAC Area #2: 0

MFAC Area #3: 3 MFAC Area #4: 1

Total No. of Trash Bags Filled: 10 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 9/2/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12:30 12:30

Field Technician name(s): K. DANIELS, VOLUNTEER

Current Weather Condition: SUNNY

Antecedent Weather Condition: SUNNY

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	Sports Equipment	Other

Notes: food cans, plastic bottles/bags, toletries, sleeping bags, pillows, tarps, luggage, clothes, towels, food packaging beverage cans, spray paint cans, paper, styrofoam

Potential Source(s) of Trash Collected: homeless activity + littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 0

MFAC Area #3: 5 MFAC Area #4: 0

Total No. of Trash Bags Filled: 6 Dumpster % Fill: 2% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 9/8/2021

Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12Pm 12Pm

Field Technician name(s): K. DANIELS, B. GONZALES

Current Weather Condition: overcast

Antecedent Weather Condition: partly sunny

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: mountain bike, bike frame, camping chair, luggage sleeping bags, tents, tarps, plastic tote lids, clothes shoes, blankets, pillows, plastic bottles & bags

Potential Source(s) of Trash Collected: Homeless activity, littering

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up:

Estuary Cleanup Friday 9/10

Routine Surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 4 MFAC Area #4: 1

Total No. of Trash Bags Filled: 7 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1 Event Date: 9/10/2021

Specific Cleanup Location: Peninsula Event Start/ End Time: 8AM / 12PM

Field Technician name(s): K. DANIELS, VOLUNTEERS

Current Weather Condition: overcast low 60's

Antecedent Weather Condition: overcast high 60's

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	✓ Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tarps, tents, food packaging, batteries, chairs, plastic bottles & bags, mattress, bike parts, clothes, shoes, EZ up frames, blankets, pillows, milk crates,

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine cleanups & surveys

Additional Notes: Special cleanup in partnership w/ State Parks & VPD

Trash Collected:

No. of Trash bags from MFAC Area #1: 70 MFAC Area #2: Ø

MFAC Area #3: Ø MFAC Area #4: Ø

Total No. of Trash Bags Filled: 70 Dumpster % Fill: 50% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Kati Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1,2,3,4 Event Date: 9/15/2021
Specific Cleanup Location: 1,2,3,4 Event Start/ End Time: 12PM 1 2PM
Field Technician name(s): K. DANIELS, B. GONZALES
Current Weather Condition: SUNNY 60s
Antecedent Weather Condition: SUNNY 60s

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: plastic bags + bottles, cans, blankets, bike, bike parts, clothes, furniture pizza boxes, foam bedding, wooden fence posts

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys + cleanups

Additional Notes: N/A

Trash Collected:
No. of Trash bags from MFAC Area #1: 2 MFAC Area #2: 2
MFAC Area #3: 4 MFAC Area #4: 1
Total No. of Trash Bags Filled: 9 Dumpster % Fill: 5% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):
"Cleaned area is free of all visible trash." - Kate Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2, 3, 4 Event Date: 9/17/2021

Specific Cleanup Location: 1, 2, 3, 4 Event Start/ End Time: 12PM 12PM

Field Technician name(s): K. DANIELS, B. GONZALES, VOLUNTEER

Current Weather Condition: SUNNY, 60°

Antecedent Weather Condition: SUNNY, 60S

Types of Trash Observed (check all that apply):

✓ Plastic/ Styrofoam	✓ Paper Products/ Biodegradable	✓ Household Items
✓ Landscape Materials	✓ Aluminum/ Metal	Automotive
✓ Toxic/ Hazardous Materials	✓ Glass	Biohazardous
Personal Effects	✓ Sports Equipment	Other

Notes: tents, tarps, clothes, shoes, cans, batteries, paper, styrofoam, bike parts, plastic bottles, bags, wrappers, food containers, luggage bag, wagon

Potential Source(s) of Trash Collected: Homeless activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine surveys & cleanups

Additional Notes: N/A

Trash Collected:

No. of Trash bags from MFAC Area #1: 1 MFAC Area #2: 1

MFAC Area #3: 1 MFAC Area #4: 1

Total No. of Trash Bags Filled: 4 Dumpster % Fill: 1% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katie Daniels

Appendix B – MFAC Event Worksheet

MFAC Event Worksheet

Parcel No.: 1, 2 Event Date: 9/18/2021

Specific Cleanup Location: 1, 2 Event Start/ End Time: 8AM / 12PM

Field Technician name(s): K. DANIELS, coastal cleanup day volunteers

Current Weather Condition: overcast 60s

Antecedent Weather Condition: partly sunny 70s

Types of Trash Observed (check all that apply):

- ✓ Plastic/ Styrofoam
- ✓ Landscape Materials
- ✓ Toxic/ Hazardous Materials
- ✓ Personal Effects
- ✓ Paper Products/ Biodegradable
- ✓ Aluminum/ Metal
- ✓ Glass
- ✓ Sports Equipment
- ✓ Household Items
- ✓ Automotive
- ✓ Biohazardous
- ✓ Other

Notes: plastic bags/bottles/wrappers/containers, blankets, cardboard, metal scraps, mattresses, sleeping bags, cans, utencils, glass bottles, clothes, shoes, food containers/wrappers, toys, books, batteries, radio.

Potential Source(s) of Trash Collected: Homeless Activity

Hazardous/ Legacy Trash Requiring Follow-up: N/A

MFAC Event Actions for Follow-up: Routine cleanups + surveys

Additional Notes: Coastal Cleanup Day

Trash Collected:

No. of Trash bags from MFAC Area #1: 10 MFAC Area #2: 70

MFAC Area #3: 0 MFAC Area #4: 0

Total No. of Trash Bags Filled: 80 Dumpster % Fill: 60% Dumpster Size (cubic yds): 40

Lead Field Technician Certification (sign/ print):

"Cleaned area is free of all visible trash." - Katy Daniels

June 2, 2022

Dr. LB Nye, Regional Program Chief
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: 2022 SEMI-ANNUAL MONITORING REPORT FOR SANTA CLARA RIVER BACTERIA TOTAL MAXIMUM DAILY LOAD

Dear Dr. Nye,

The Santa Clara River (SCR) Estuary and Reaches 3, 5, 6, and 7 Indicator Bacteria Total Maximum Daily Load (Bacteria TMDL) was adopted by the Los Angeles Regional Water Quality Control Board (Regional Water Board) on July 8, 2010 and came into effect on March 21, 2012. The Bacteria TMDL incorporates the reaches listed on the 303(d) list, Reach 3 which was added to the 303(d) list in the 2016 Integrated Report, and all tributaries to the impaired SCR reaches.

The Cities of Fillmore, Oxnard, Santa Paula, and Ventura, and the County of Ventura are working collaboratively to implement Bacteria TMDL requirements for the lower SCR to address impairments to the SCR Estuary and Reach 3. The Bacteria TMDL required an in-stream compliance bacteria water quality Monitoring Plan, as well as an Implementation Plan (including an Outfall Monitoring Plan) to outline how the TMDL Responsible Agencies will achieve compliance with the Bacteria TMDL Waste Load Allocations and Load Allocations for the lower Santa Clara River. In accordance with the *Bacteria TMDL final in-stream Compliance Monitoring Plan* (CMP), in-stream monitoring for the Reach 3 (SCRR3-RW1) and SCR Estuary (SCRE-R005) has been conducted since October 11, 2016. The Regional Water Quality Control Board accepted the *Implementation Plan for the Lower Santa Clara River Watershed* (Implementation Plan) in a letter dated December 26, 2017, and following an extension granted by Ms. Newman on May 25, 2018, the outfall monitoring has been conducted in accordance with the Implementation Plan's Outfall Monitoring Plan at five jurisdictional outfalls since September 18, 2018.[1]

[1] One jurisdictional outfall was selected per agency in Fillmore, Santa Paula, Ventura, Oxnard, and County unincorporated Saticoy (MO-FIL, -SPA, -VEN, -SRG, and -SAT respectively)

In accordance with the Regional Phase I Municipal Stormwater NPDES Permit Order No. R4-2021-0105 effective September 11, 2021, Ventura County Watershed Protection District (VCWPD) was included as a responsible party in the SCR Bacteria TMDL. Effective October 4, 2021, Ventura County Watershed Protection District (VCWPD) joined the County of Ventura and Cities of Fillmore, Oxnard, Santa Paula, and Ventura to collaboratively implement TMDL monitoring and reporting requirements.

This semi-annual report presents monitoring results for sampling events completed between November 2, 2021 and April 27, 2022. The attached tables summarize the results of weekly monitoring required by the CMP and monthly monitoring required by the Outfall Monitoring Plan. Weekly sampling is scheduled to occur on Tuesdays at in-stream receiving water monitoring locations, and monthly at the six jurisdictional outfall monitoring locations (in coordination with in-stream receiving water monitoring activities).

Table 1 displays the semi-annual sampling results for both in-stream receiving water and outfall monitoring locations, as well as rolling 30-day geometric means for the in-stream receiving water monitoring locations. In accordance with Attachment M of the Regional Phase I Municipal Separate Storm Sewer System National Pollutant Discharge Elimination System Permit, the geometric mean is calculated on a weekly basis using no less than 5 samples equally spaced over a 30-day period. Note that flow occurred throughout the monitoring period and samples were collected at the receiving water monitoring locations during each weekly event.

Samples were collected by Rincon Consultants, Inc. at SCRE-R005 (Estuary), SCRR3-RW1 (Reach 3), MO-FIL, MO-SPA, MO-VEN, MO-SRG, and MO-SAT for bacteria analysis by Fruit Growers Laboratory, Inc. (FGL). This report was prepared by Rincon Consultants, Inc.

If you have any questions regarding the results or activities related to the lower SCR Bacteria TMDL monitoring, please contact me at (805) 645-1382.

Sincerely,

Ewelina Mutkowska
Senior Stormwater Manager,
Ventura County Public Works Agency

CC: Jun Zhu, Regional Water Quality Control Board
Jessica Pearson, Regional Water Quality Control Board
Hope Sexton, Regional Water Quality Control Board
Jeff Pratt, Ventura County Public Works Agency
David Fleisch, Ventura County Public Works Agency
Glenn Shephard, Ventura County Public Works Agency Watershed Protection
Arne Anselm, Ventura County Public Works Agency Watershed Protection
Joe Yahner, City of Ventura
Peter Shallenberger, City of Ventura
Roxanne Hughes, City of Fillmore

Kelsey Reed, City of Fillmore
Clete J. Saunier, City of Santa Paula
Gerhardt Hubner, City of Santa Paula
Jan Hauser, City of Oxnard
Badaoui Mouderres, City of Oxnard
Heather D'Anna Nichols, City of Oxnard

Table 1.
Sampling Results for Receiving Water (Weekly), Outfalls (Monthly) and
Geomean Data for Weekly Sampling Results for Santa Clara River Reach 3 (SCRR3-RW1) and Estuary (SCRE-R005)

Location	Time	Date	Rain		Single Sample	Geomean		Single Sample	Geomean		Single Sample	Geomean		Single Sample	Geomean
					E.coli (MPN/100mL)			Total Coliform (MPN/100mL)			Fecal Coliform (MPN/100mL)			Enterococcus (MPN/100mL)	
					(235 MPN)	(126 MPN)		(10,000 MPN)	(1,000 MPN)		(400 MPN)	(200 MPN)		(104 MPN)	(35 MPN)
Santa Clara River Reach 3															
SCRR3-RW1	15:00	11/2/2021	Dry	>	2,419.6	263.27		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	12:55	11/16/2021	Dry	=	109.2	265.54		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	13:00	11/24/2021	Dry	=	36.4	231.23		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:00	12/7/2021	Dry	=	53.0	221.51		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	11:45	12/21/2021	Dry	=	63.3	126.40		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	15:18	12/28/2021	Wet	=	95.9	66.28		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	15:35	1/5/2022	Dry	=	51.2	56.96		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	10:15	1/11/2022	Dry	=	18.5	49.75		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	12:55	1/18/2022	Wet	=	57.3	50.53		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	12:35	1/25/2022	Dry	=	17.3	38.98		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:30	2/1/2022	Dry	=	23.1	29.33		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	12:20	2/8/2022	Dry	=	51.2	29.33		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:55	2/16/2022	Dry	=	35.5	33.41		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:45	2/22/2022	Dry	=	41.4	31.31		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	15:45	3/2/2022	Dry	=	32.7	35.56		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:25	3/9/2022	Dry	=	65.7	43.83		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:20	3/16/2022	Dry	=	37.9	41.27		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	16:15	3/23/2022	Dry	=	131.4	53.61		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	15:35	3/29/2022	Wet	>	2,419.6	120.95		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:25	4/12/2022	Dry	=	316.9	190.50		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	11:35	4/20/2022	Dry	=	105.4	209.39		n/a	n/a		n/a	n/a		n/a	n/a
SCRR3-RW1	14:15	4/27/2022	Dry	=	46.4	218.03		n/a	n/a		n/a	n/a		n/a	n/a
Santa Clara River Estuary															
SCRE-R005	15:00	11/2/2021	Dry		n/a	n/a	=	35,000.0	42,303	=	22.0	14	=	2.0	3
SCRE-R005	14:50	11/9/2021	Wet		n/a	n/a	=	940.0	15,142	=	13.0	17	=	4.1	3
SCRE-R005	10:55	11/16/2021	Dry		n/a	n/a	=	4,300.0	7,346	=	46.0	21	=	13.4	4
SCRE-R005	13:00	11/24/2021	Dry		n/a	n/a	>	160,000.0	9,128	=	7.8	19	=	2.0	4
SCRE-R005	13:10	12/7/2021	Wet		n/a	n/a	=	160,000.0	20,501	=	49.0	22	=	3.1	4
SCRE-R005	8:55	12/21/2021	Dry		n/a	n/a	=	13,000.0	16,817	=	230.0	35	=	12.0	5
SCRE-R005	14:40	12/28/2021	Wet		n/a	n/a	>	160,000.0	46,984	=	7,900.0	126	=	1,553.1	17
SCRE-R005	15:35	1/5/2022	Dry		n/a	n/a	=	35,000.0	71,462	=	79.0	141	=	12.1	17
SCRE-R005	9:45	1/11/2022	Dry		n/a	n/a	=	2,300.0	30,591	=	79.0	223	=	1.0	15
SCRE-R005	9:50	1/18/2022	Wet		n/a	n/a	=	790.0	10,575	=	490.0	354	=	165.8	33
SCRE-R005	11:05	1/25/2022	Dry		n/a	n/a	=	4,900.0	8,701	=	230.0	354	=	14.4	34
SCRE-R005	13:45	2/1/2022	Dry		n/a	n/a	=	790.0	3,008	=	49.0	128	=	90.5	19
SCRE-R005	11:40	2/8/2022	Dry		n/a	n/a	=	1,100.0	1,506	=	79.0	128	=	6.3	17
SCRE-R005	12:05	2/16/2022	Dry		n/a	n/a	=	460.0	1,091	=	130.0	141	=	4.1	22
SCRE-R005	14:10	2/22/2022	Dry		n/a	n/a	=	24,000.0	2,160	=	330.0	131	=	125.9	21
SCRE-R005	13:40	3/2/2022	Dry		n/a	n/a	=	330.0	1,259	=	46.0	95	=	2.0	14
SCRE-R005	14:25	3/9/2022	Dry		n/a	n/a	=	330.0	1,057	=	46.0	94	=	13.2	10
SCRE-R005	14:20	3/16/2022	Dry		n/a	n/a	=	490.0	900	=	79.0	94	=	68.3	16
SCRE-R005	15:20	3/23/2022	Dry		n/a	n/a	=	70.0	617	=	13.0	59	<	1.0	12
SCRE-R005	14:55	3/29/2022	Wet		n/a	n/a	>	160,000.0	902	>	160,000.0	203	>	2,420.0	21
SCRE-R005	12:05	4/6/2022	Dry		n/a	n/a		---	1,160		---	295	=	290.9	58
SCRE-R005	13:50	4/12/2022	Dry		n/a	n/a	=	3,300.0	2,063	=	230.0	441	=	118.7	89
SCRE-R005	13:25	4/20/2022	Dry		n/a	n/a	=	2,800.0	3,189	=	49.0	391	=	55.4	86
SCRE-R005	15:05	4/27/2022	Dry		n/a	n/a	=	2,800.0	8,021	=	63.0	581	=	17.3	152
Fillmore Outfall															
MO-FIL	9:50	11/16/2021	Dry	>	2,419.6	n/a	=	160,000.0	n/a	=	13,000.0	n/a	>	2,420.0	n/a
MO-FIL	8:35	12/21/2021	Dry	>	2,419.6	n/a	=	35,000.0	n/a	=	24,000.0	n/a	>	2,420.0	n/a
MO-FIL	9:45	1/18/2022	Wet	=	1,732.9	n/a	=	24,000.0	n/a	=	2,200.0	n/a	>	2,420.0	n/a
MO-FIL	11:00	2/16/2022	Dry	=	920.8	n/a	=	24,000.0	n/a	=	490.0	n/a	>	2,420.0	n/a
MO-FIL	11:40	3/16/2022	Dry	=	2,419.6	n/a	=	22,000.0	n/a	=	1,300.0	n/a	>	2,420.0	n/a
MO-FIL	10:30	4/20/2022	Dry	=	488.4	n/a	=	13,000.0	n/a	=	1,300.0	n/a	>	2,420.0	n/a
Santa Paula Outfall															
MO-SPA	-	11/16/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SPA	-	12/21/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SPA	11:45	1/18/2022	Wet	>	2,419.6	n/a	>	160,000.0	n/a	>	14,000.0	n/a	>	2,420.0	n/a
MO-SPA	-	2/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SPA	-	3/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SPA	-	4/20/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
Ventura Outfall															
MO-VEN	-	11/16/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-VEN	-	12/21/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-VEN	-	1/18/2022	Wet		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-VEN	14:55	2/16/2022	Dry	=	13.4	n/a	=	7,900.0	n/a	=	4.5	n/a	=	547.5	n/a
MO-VEN	-	3/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-VEN	12:20	4/20/2022	Dry	=	16.9	n/a	=	940.0	n/a	=	13.0	n/a	=	435.2	n/a

Table 1.
Sampling Results for Receiving Water (Weekly), Outfalls (Monthly) and
Geomean Data for Weekly Sampling Results for Santa Clara River Reach 3 (SCRR3-RW1) and Estuary (SCRE-R005)

Location	Time	Date	Rain		Single Sample	Geomean		Single Sample	Geomean		Single Sample	Geomean		Single Sample	Geomean
					E.coli (MPN/100mL)			Total Coliform (MPN/100mL)			Fecal Coliform (MPN/100mL)			Enterococcus (MPN/100mL)	
					(235 MPN)	(126 MPN)		(10,000 MPN)	(1,000 MPN)		(400 MPN)	(200 MPN)		(104 MPN)	(35 MPN)
Oxnard Outfall															
MO-SRG	-	11/16/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SRG	-	12/21/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SRG	10:20	1/18/2022	Wet	>	2,419.6	n/a	=	24,000.0	n/a	=	13,000.0	n/a	>	2,420.0	n/a
MO-SRG	-	2/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SRG	14:40	3/16/2022	Dry	=	307.6	n/a	=	3,300.0	n/a	=	490.0	n/a	>	2,420.0	n/a
MO-SRG	11:55	4/20/2022	Dry	=	40.2	n/a	=	11,000.0	n/a	=	130.0	n/a	>	1,553.1	n/a
Saticoy Outfall															
MO-SAT	-	11/16/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SAT	-	12/21/2021	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SAT	-	1/18/2022	Wet		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SAT	-	2/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SAT	-	3/16/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a
MO-SAT	-	4/20/2022	Dry		dry	n/a		dry	n/a		dry	n/a		dry	n/a

Notes:

Wet weather samples are those collected within 72 hours after a day with >0.1" rainfall

Rain gages H245 – Wilson Ranch and H066 – Ventura City Hall are referenced to determine wet and dry days for Reach 3 and the Estuary, respectively. Data can be found at http://www.vcwatershed.net/fws/gmap.html.

MPN: most probable number

TMDL: total maximum daily load

E.coli: Escherichia coli

dry: not sampled due to dry conditions

n/a: not applicable to site

---: awaiting updated analytical data report from laboratory

>: greater than

<: less than

=: equal to

PUBLIC WORKS
VENTURA COUNTY

COUNTY of VENTURA

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Agency Director

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January 27, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of December 2021. Sites were sampled weekly (December 7, 15, 21, and 28). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

As shown in Table 1, samples that were collected on December 7, 2021 were not analyzed for E. coli due to improper setup at the analytical laboratory. Analytical results included in the geometric mean calculation in Table 2 are shown as those reported for the samples collected on November 30, 2021.

Table 1 presents the weekly sampling results, while Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled "Dry." A map showing the location of the monitoring sites is included below.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1" rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per

100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**
					(235 MPN)
MCW-8b (County)	-	12/7/2021♦	Dry		Dry
MCW-8b (County)	-	12/15/2021♦	Rain		Dry
MCW-8b (County)	-	12/21/2021♦	Dry		Dry
MCW-8b (County)	-	12/28/2021♦	Rain		Dry
MCW-9 (County)	-	12/7/2021♦	Dry		Dry
MCW-9 (County)	-	12/15/2021♦	Dry		Dry
MCW-9 (County)	-	12/21/2021♦	Dry		Dry
MCW-9 (County)	-	12/28/2021♦	Dry		Dry
MCW-12 (County)	-	12/7/2021♦	Dry		Dry
MCW-12 (County)	1110	12/15/2021♦	Rain	=	9,200
MCW-12 (County)	1325	12/21/2021♦		=	45
MCW-12 (County)	1215	12/28/2021♦	Rain	=	130
MCW-14b (City and County)	1200	12/7/2021♦		=*	Canceled
MCW-14b (City and County)	1040	12/15/2021♦	Rain	=	9,200
MCW-14b (City and County)	1200	12/21/2021♦		=	68
MCW-14b (City and County)	1140	12/28/2021♦	Rain	=	330
MCW-15c (City)*	1245	12/7/2021♦		=*	Canceled
MCW-15c (City)*	1005	12/14/2021♦	Rain	=	1,100
MCW-15c (City)*	1135	12/21/2021♦		=	<18
MCW-15c (City)*	1110	12/28/2021♦	Rain	=	78
MCW-17 (City and County)	-	12/7/2021♦	Dry		Dry
MCW-17 (City and County)	-	12/15/2021♦	Rain		Dry
MCW-17 (City and County)	-	12/21/2021♦	Dry		Dry
MCW-17 (City and County)	1050	12/28/2021♦	Rain	=	230
MCW-18 (County)	-	12/7/2021♦	Dry		Dry
MCW-18 (County)	-	12/15/2021♦	Rain		Dry
MCW-18 (County)	-	12/21/2021♦	Dry		Dry
MCW-18 (County)	-	12/28/2021♦	Rain		Dry

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
♦: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Canceled: Sample submission canceled due to improper lab set up
ND: Not Detected at or above the Method Reporting Limit (MDL)
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-8b (County)	-	12/1/2021	Dry	<	9	9
MCW-8b (County)	-	12/2/2021	Dry	<	9	9
MCW-8b (County)	-	12/3/2021	Dry	<	9	9
MCW-8b (County)	-	12/4/2021	Dry	<	9	9
MCW-8b (County)	-	12/5/2021	Dry	<	9	9
MCW-8b (County)	-	12/6/2021	Dry	<	9	9
MCW-8b (County)	-	12/7/2021♦	Dry	<	9	9
MCW-8b (County)	-	12/8/2021	Dry	<	9	9
MCW-8b (County)	-	12/9/2021	Dry	<	9	9
MCW-8b (County)	-	12/10/2021	Dry	<	9	9
MCW-8b (County)	-	12/11/2021	Dry	<	9	9
MCW-8b (County)	-	12/12/2021	Dry	<	9	9
MCW-8b (County)	-	12/13/2021	Dry	<	9	9
MCW-8b (County)	-	12/14/2021	Dry	<	9	9
MCW-8b (County)	-	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/16/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/17/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/18/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/19/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/20/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/21/2021♦	Dry	<	9	9
MCW-8b (County)	-	12/22/2021	Dry	<	9	9
MCW-8b (County)	-	12/23/2021	Dry	<	9	9
MCW-8b (County)	-	12/24/2021	Dry	<	9	9
MCW-8b (County)	-	12/25/2021	Dry	<	9	9
MCW-8b (County)	-	12/26/2021	Dry	<	9	9
MCW-8b (County)	-	12/27/2021	Dry	<	9	9
MCW-8b (County)	-	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/29/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/30/2021	Rain		**Rain**	**Rain**
MCW-8b (County)	-	12/31/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/1/2021	Dry	<	9	9
MCW-9 (County)	-	12/2/2021	Dry	<	9	9
MCW-9 (County)	-	12/3/2021	Dry	<	9	9
MCW-9 (County)	-	12/4/2021	Dry	<	9	9
MCW-9 (County)	-	12/5/2021	Dry	<	9	9
MCW-9 (County)	-	12/6/2021	Dry	<	9	9
MCW-9 (County)	-	12/7/2021♦	Dry	<	9	9
MCW-9 (County)	-	12/8/2021	Dry	<	9	9
MCW-9 (County)	-	12/9/2021	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-9 (County)	-	12/10/2021	Dry	<	9	9
MCW-9 (County)	-	12/11/2021	Dry	<	9	9
MCW-9 (County)	-	12/12/2021	Dry	<	9	9
MCW-9 (County)	-	12/13/2021	Dry	<	9	9
MCW-9 (County)	-	12/14/2021	Dry	<	9	9
MCW-9 (County)	-	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/16/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/17/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/18/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/19/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/20/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/21/2021♦	Dry	<	9	9
MCW-9 (County)	-	12/22/2021	Dry	<	9	9
MCW-9 (County)	-	12/23/2021	Dry	<	9	9
MCW-9 (County)	-	12/24/2021	Dry	<	9	9
MCW-9 (County)	-	12/25/2021	Dry	<	9	9
MCW-9 (County)	-	12/26/2021	Dry	<	9	9
MCW-9 (County)	-	12/27/2021	Dry	<	9	9
MCW-9 (County)	-	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/29/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/30/2021	Rain		**Rain**	**Rain**
MCW-9 (County)	-	12/31/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	-	12/1/2021	Dry	<	9	9
MCW-12 (County)	-	12/2/2021	Dry	<	9	9
MCW-12 (County)	-	12/3/2021	Dry	<	9	9
MCW-12 (County)	-	12/4/2021	Dry	<	9	9
MCW-12 (County)	-	12/5/2021	Dry	<	9	9
MCW-12 (County)	-	12/6/2021	Dry	<	9	9
MCW-12 (County)	-	12/7/2021♦	Dry	<	9	9
MCW-12 (County)	-	12/8/2021	Dry	<	9	9
MCW-12 (County)	-	12/9/2021	Dry	<	9	9
MCW-12 (County)	-	12/10/2021	Dry	<	9	9
MCW-12 (County)	-	12/11/2021	Dry	<	9	9
MCW-12 (County)	-	12/12/2021	Dry	<	9	9
MCW-12 (County)	-	12/13/2021	Dry	<	9	9
MCW-12 (County)	-	12/14/2021	Dry	<	9	9
MCW-12 (County)	1110	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-12 (County)	1110	12/16/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1110	12/17/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1110	12/18/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1110	12/19/2021	Rain		**Rain**	**Rain**

					Single Sample (adjusted for rain, dry and NDs)	Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-12 (County)	1110	12/20/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1325	12/21/2021♦		=	45	9
MCW-12 (County)	1325	12/22/2021		=	45	10
MCW-12 (County)	1325	12/23/2021		=	45	11
MCW-12 (County)	1325	12/24/2021		=	45	11
MCW-12 (County)	1325	12/25/2021		=	45	12
MCW-12 (County)	1325	12/26/2021		=	45	12
MCW-12 (County)	1325	12/27/2021		=	45	13
MCW-12 (County)	1215	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-12 (County)	1215	12/29/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1215	12/30/2021	Rain		**Rain**	**Rain**
MCW-12 (County)	1215	12/31/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1350	12/1/2021		=	210	274
MCW-14b (City and County)	1350	12/2/2021		=	210	270
MCW-14b (City and County)	1350	12/3/2021		=	210	266
MCW-14b (City and County)	1350	12/4/2021		=	210	262
MCW-14b (City and County)	1350	12/5/2021		=	210	258
MCW-14b (City and County)	1350	12/6/2021		=	210	255
MCW-14b (City and County)	1200	12/7/2021♦		=*	210	251
MCW-14b (City and County)	1200	12/8/2021		=*	210	247
MCW-14b (City and County)	1200	12/9/2021		=*	210	249
MCW-14b (City and County)	1200	12/10/2021		=*	210	250
MCW-14b (City and County)	1200	12/11/2021		=*	210	252
MCW-14b (City and County)	1200	12/12/2021		=*	210	254
MCW-14b (City and County)	1200	12/13/2021		=*	210	256
MCW-14b (City and County)	1200	12/14/2021		=*	210	258
MCW-14b (City and County)	1040	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1040	12/16/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1040	12/17/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1040	12/18/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1040	12/19/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1040	12/20/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1200	12/21/2021♦		=	68	250
MCW-14b (City and County)	1200	12/22/2021		=	68	249
MCW-14b (City and County)	1200	12/23/2021		=	68	248
MCW-14b (City and County)	1200	12/24/2021		=	68	247
MCW-14b (City and County)	1200	12/25/2021		=	68	245
MCW-14b (City and County)	1200	12/26/2021		=	68	244
MCW-14b (City and County)	1200	12/27/2021		=	68	243
MCW-14b (City and County)	1140	12/28/2021♦	Rain		**Rain**	**Rain**

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-14b (City and County)	1140	12/29/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1140	12/30/2021	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1140	12/31/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1430	12/1/2021	Dry	<	9	387
MCW-15c (City)*	1430	12/2/2021	Dry	<	9	333
MCW-15c (City)*	1430	12/3/2021	Dry	<	9	287
MCW-15c (City)*	1430	12/4/2021	Dry	<	9	247
MCW-15c (City)*	1430	12/5/2021	Dry	<	9	213
MCW-15c (City)*	1430	12/6/2021	Dry	<	9	184
MCW-15c (City)*	1245	12/7/2021♦		<*	9	158
MCW-15c (City)*	1245	12/8/2021		<*	9	136
MCW-15c (City)*	1245	12/9/2021		<*	9	110
MCW-15c (City)*	1245	12/10/2021		<*	9	89
MCW-15c (City)*	1245	12/11/2021		<*	9	72
MCW-15c (City)*	1245	12/12/2021		<*	9	58
MCW-15c (City)*	1245	12/13/2021		<*	9	47
MCW-15c (City)*	1245	12/14/2021		<*	9	38
MCW-15c (City)*	1005	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-15c (City)*	1005	12/16/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1005	12/17/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1005	12/18/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1005	12/19/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1005	12/20/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1135	12/21/2021♦		<	9	31
MCW-15c (City)*	1135	12/22/2021		<	9	28
MCW-15c (City)*	1135	12/23/2021		<	9	26
MCW-15c (City)*	1135	12/24/2021		<	9	24
MCW-15c (City)*	1135	12/25/2021		<	9	22
MCW-15c (City)*	1135	12/26/2021		<	9	20
MCW-15c (City)*	1135	12/27/2021		<	9	19
MCW-15c (City)*	1110	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-15c (City)*	1110	12/29/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1110	12/30/2021	Rain		**Rain**	**Rain**
MCW-15c (City)*	1110	12/31/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/1/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/2/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/3/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/4/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/5/2021	Dry	<	9	9

					Single Sample (adjusted for rain, dry and NDs)	Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-17 (City and County)	-	12/6/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/7/2021♦	Dry	<	9	9
MCW-17 (City and County)	-	12/8/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/9/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/10/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/11/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/12/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/13/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/14/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/16/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/17/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/18/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/19/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/20/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	-	12/21/2021♦	Dry	<	9	9
MCW-17 (City and County)	-	12/22/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/23/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/24/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/25/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/26/2021	Dry	<	9	9
MCW-17 (City and County)	-	12/27/2021	Dry	<	9	9
MCW-17 (City and County)	1050	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1050	12/29/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1050	12/30/2021	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1050	12/31/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/1/2021	Dry	<	9	9
MCW-18 (County)	-	12/2/2021	Dry	<	9	9
MCW-18 (County)	-	12/3/2021	Dry	<	9	9
MCW-18 (County)	-	12/4/2021	Dry	<	9	9
MCW-18 (County)	-	12/5/2021	Dry	<	9	9
MCW-18 (County)	-	12/6/2021	Dry	<	9	9
MCW-18 (County)	-	12/7/2021♦	Dry	<	9	9
MCW-18 (County)	-	12/8/2021	Dry	<	9	9
MCW-18 (County)	-	12/9/2021	Dry	<	9	9
MCW-18 (County)	-	12/10/2021	Dry	<	9	9
MCW-18 (County)	-	12/11/2021	Dry	<	9	9
MCW-18 (County)	-	12/12/2021	Dry	<	9	9
MCW-18 (County)	-	12/13/2021	Dry	<	9	9
MCW-18 (County)	-	12/14/2021	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-18 (County)	-	12/15/2021♦	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/16/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/17/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/18/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/19/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/20/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/21/2021♦	Dry	<	9	9
MCW-18 (County)	-	12/22/2021	Dry	<	9	9
MCW-18 (County)	-	12/23/2021	Dry	<	9	9
MCW-18 (County)	-	12/24/2021	Dry	<	9	9
MCW-18 (County)	-	12/25/2021	Dry	<	9	9
MCW-18 (County)	-	12/26/2021	Dry	<	9	9
MCW-18 (County)	-	12/27/2021	Dry	<	9	9
MCW-18 (County)	-	12/28/2021♦	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/29/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/30/2021	Rain		**Rain**	**Rain**
MCW-18 (County)	-	12/31/2021	Rain		**Rain**	**Rain**

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

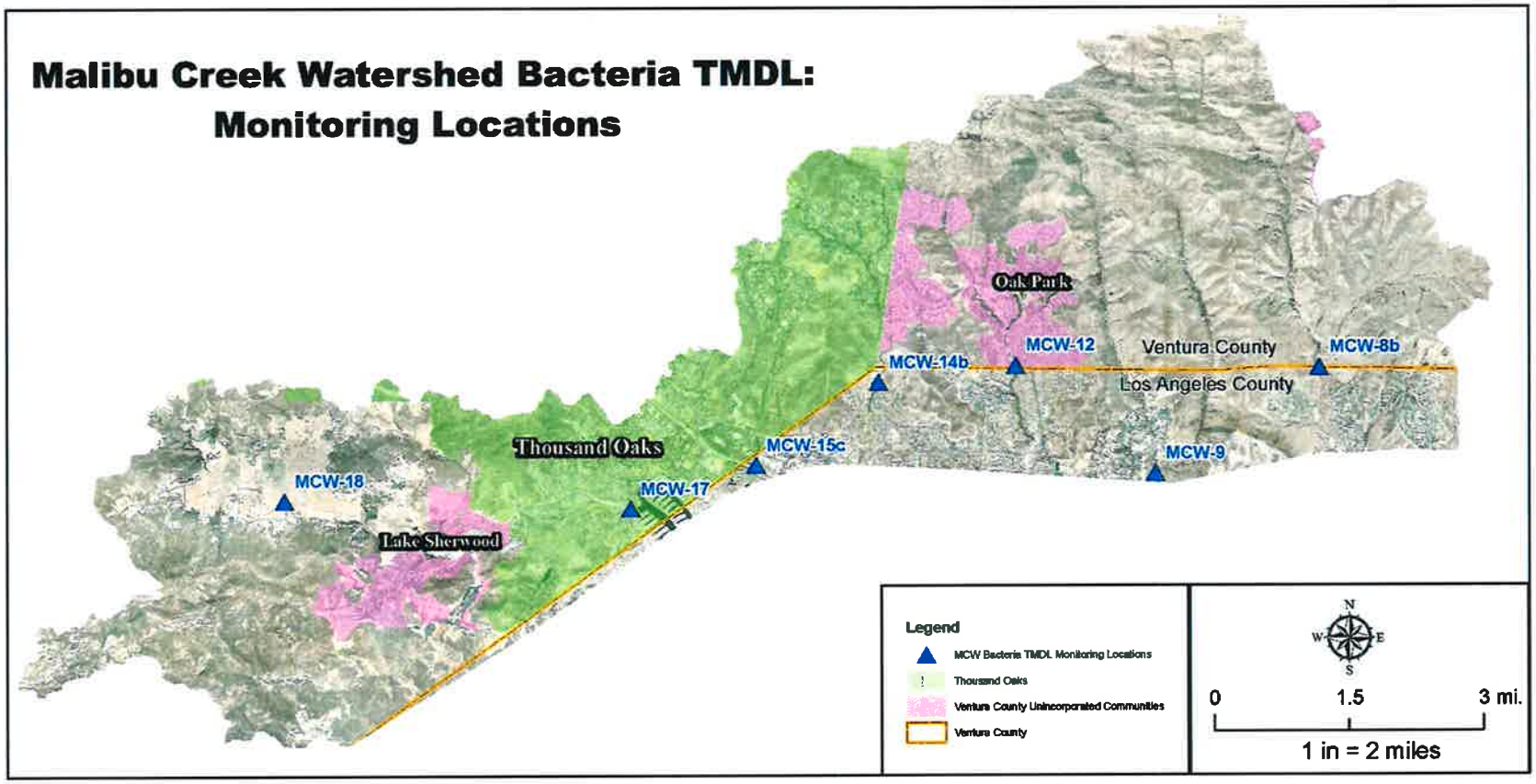
-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010

=* or <*: samples were collected but not analyzed for E. coli. Analysis canceled by Laboratory. Analytical E. coli results from the previous week are shown in the case of December 7, 2021 data.


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
N
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S
0
1.5
3 mi.
1 in = 2 miles

PUBLIC WORKS
VENTURA COUNTY

COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services
Joan Araujo, Director

Engineering Services
Christopher Cooper, Director

Roads & Transportation
Christopher Kurgan, Director

Water & Sanitation
Joseph Pope, Director

Watershed Protection
Glenn Shephard, Director

February 24, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of January 2022. Sites were sampled weekly (January 4, 11, 18, and 25). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results, while Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled “Dry.” A map showing the location of the monitoring sites is included below.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1” rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Erik Anselm

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	Time	Date	Rain		E. coli
					(235 MPN)
MCW-8b (County)	1415	1/4/2022♦		=	20
MCW-8b (County)	1245	1/11/2022♦		<	18
MCW-8b (County)	1145	1/18/2022♦		<	18
MCW-8b (County)	1200	1/25/2022♦		<	18
MCW-9 (County)		1/4/2022♦	Dry		Dry
MCW-9 (County)		1/11/2022♦	Dry		Dry
MCW-9 (County)		1/18/2022♦	Dry		Dry
MCW-9 (County)		1/25/2022♦	Dry		Dry
MCW-12 (County)	1315	1/4/2022♦		=	140
MCW-12 (County)	1220	1/11/2022♦		=	130
MCW-12 (County)	1110	1/18/2022♦		=	330
MCW-12 (County)	1125	1/25/2022♦		=	130
MCW-14b (City and County)	1250	1/4/2022♦		=	68
MCW-14b (City and County)	1140	1/11/2022♦		<	18
MCW-14b (City and County)	1045	1/18/2022♦		=	330
MCW-14b (City and County)	1055	1/25/2022♦		=	78
MCW-15c (City)*	1220	1/4/2022♦		=	330
MCW-15c (City)*	1120	1/11/2022♦		<	18
MCW-15c (City)*	1015	1/18/2022♦		=	230
MCW-15c (City)*	1020	1/25/2022♦		<	18
MCW-17 (City and County)	1150	1/4/2022♦		=	130
MCW-17 (City and County)	1100	1/11/2022♦		=	20
MCW-17 (City and County)	1000	1/18/2022♦		=	68
MCW-17 (City and County)	1000	1/25/2022♦		<	18
MCW-18 (County)		1/4/2022♦	Dry		Dry
MCW-18 (County)		1/11/2022♦	Dry		Dry
MCW-18 (County)		1/18/2022♦	Dry		Dry
MCW-18 (County)		1/25/2022♦	Dry		Dry

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
♦: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
ND: Not Detected at or above the Method Reporting Limit (MDL)
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	-	1/1/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	-	1/2/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	-	1/3/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1415	1/4/2022♦		=	20	9
MCW-8b (County)	1415	1/5/2022		=	20	9
MCW-8b (County)	1415	1/6/2022		=	20	10
MCW-8b (County)	1415	1/7/2022		=	20	10
MCW-8b (County)	1415	1/8/2022		=	20	10
MCW-8b (County)	1415	1/9/2022		=	20	11
MCW-8b (County)	1415	1/10/2022		=	20	11
MCW-8b (County)	1245	1/11/2022♦		<	9	11
MCW-8b (County)	1245	1/12/2022		<	9	11
MCW-8b (County)	1245	1/13/2022		<	9	11
MCW-8b (County)	1245	1/14/2022		<	9	11
MCW-8b (County)	1245	1/15/2022		<	9	11
MCW-8b (County)	1245	1/16/2022		<	9	11
MCW-8b (County)	1245	1/17/2022		<	9	11
MCW-8b (County)	1145	1/18/2022♦		<	9	11
MCW-8b (County)	1145	1/19/2022		<	9	11
MCW-8b (County)	1145	1/20/2022		<	9	11
MCW-8b (County)	1145	1/21/2022		<	9	11
MCW-8b (County)	1145	1/22/2022		<	9	11
MCW-8b (County)	1145	1/23/2022		<	9	11
MCW-8b (County)	1145	1/24/2022		<	9	11
MCW-8b (County)	1200	1/25/2022♦		<	9	11
MCW-8b (County)	1200	1/26/2022		<	9	11
MCW-8b (County)	1200	1/27/2022		<	9	11
MCW-8b (County)	1200	1/28/2022		<	9	11
MCW-8b (County)	1200	1/29/2022		<	9	11
MCW-8b (County)	1200	1/30/2022		<	9	11
MCW-8b (County)	1200	1/31/2022		<	9	11
MCW-9 (County)	-	1/1/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	1/2/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	1/3/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	1/4/2022♦	Dry	<	9	9
MCW-9 (County)	-	1/5/2022	Dry	<	9	9
MCW-9 (County)	-	1/6/2022	Dry	<	9	9
MCW-9 (County)	-	1/7/2022	Dry	<	9	9
MCW-9 (County)	-	1/8/2022	Dry	<	9	9
MCW-9 (County)	-	1/9/2022	Dry	<	9	9

MCW-9 (County)	-	1/10/2022	Dry	<	9	9
MCW-9 (County)	-	1/11/2022♦	Dry	<	9	9
MCW-9 (County)	-	1/12/2022	Dry	<	9	9
MCW-9 (County)	-	1/13/2022	Dry	<	9	9
MCW-9 (County)	-	1/14/2022	Dry	<	9	9
MCW-9 (County)	-	1/15/2022	Dry	<	9	9
MCW-9 (County)	-	1/16/2022	Dry	<	9	9
MCW-9 (County)	-	1/17/2022	Dry	<	9	9
MCW-9 (County)	-	1/18/2022♦	Dry	<	9	9
MCW-9 (County)	-	1/19/2022	Dry	<	9	9
MCW-9 (County)	-	1/20/2022	Dry	<	9	9
MCW-9 (County)	-	1/21/2022	Dry	<	9	9
MCW-9 (County)	-	1/22/2022	Dry	<	9	9
MCW-9 (County)	-	1/23/2022	Dry	<	9	9
MCW-9 (County)	-	1/24/2022	Dry	<	9	9
MCW-9 (County)	-	1/25/2022♦	Dry	<	9	9
MCW-9 (County)	-	1/26/2022	Dry	<	9	9
MCW-9 (County)	-	1/27/2022	Dry	<	9	9
MCW-9 (County)	-	1/28/2022	Dry	<	9	9
MCW-9 (County)	-	1/29/2022	Dry	<	9	9
MCW-9 (County)	-	1/30/2022	Dry	<	9	9
MCW-9 (County)	-	1/31/2022	Dry	<	9	9
MCW-12 (County)	1215	1/1/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1215	1/2/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1215	1/3/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1315	1/4/2022♦		=	140	14
MCW-12 (County)	1315	1/5/2022		=	140	16
MCW-12 (County)	1315	1/6/2022		=	140	17
MCW-12 (County)	1315	1/7/2022		=	140	19
MCW-12 (County)	1315	1/8/2022		=	140	21
MCW-12 (County)	1315	1/9/2022		=	140	23
MCW-12 (County)	1315	1/10/2022		=	140	25
MCW-12 (County)	1220	1/11/2022♦		=	130	27
MCW-12 (County)	1220	1/12/2022		=	130	30
MCW-12 (County)	1220	1/13/2022		=	130	32
MCW-12 (County)	1220	1/14/2022		=	130	35
MCW-12 (County)	1220	1/15/2022		=	130	39
MCW-12 (County)	1220	1/16/2022		=	130	42
MCW-12 (County)	1220	1/17/2022		=	130	46
MCW-12 (County)	1110	1/18/2022♦		=	330	52
MCW-12 (County)	1110	1/19/2022		=	330	59
MCW-12 (County)	1110	1/20/2022		=	330	66
MCW-12 (County)	1110	1/21/2022		=	330	75
MCW-12 (County)	1110	1/22/2022		=	330	84
MCW-12 (County)	1110	1/23/2022		=	330	95

MCW-12 (County)	1110	1/24/2022		=	330	107
MCW-12 (County)	1125	1/25/2022♦		=	130	117
MCW-12 (County)	1125	1/26/2022		=	130	128
MCW-12 (County)	1125	1/27/2022		=	130	133
MCW-12 (County)	1125	1/28/2022		=	130	138
MCW-12 (County)	1125	1/29/2022		=	130	143
MCW-12 (County)	1125	1/30/2022		=	130	148
MCW-12 (County)	1125	1/31/2022		=	130	153
MCW-14b (City and County)	1140	1/1/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1140	1/2/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1140	1/3/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1250	1/4/2022♦		=	68	**242**
MCW-14b (City and County)	1250	1/5/2022		=	68	219
MCW-14b (City and County)	1250	1/6/2022		=	68	198
MCW-14b (City and County)	1250	1/7/2022		=	68	179
MCW-14b (City and County)	1250	1/8/2022		=	68	162
MCW-14b (City and County)	1250	1/9/2022		=	68	146
MCW-14b (City and County)	1250	1/10/2022		=	68	132
MCW-14b (City and County)	1140	1/11/2022♦		<	9	112
MCW-14b (City and County)	1140	1/12/2022		<	9	101
MCW-14b (City and County)	1140	1/13/2022		<	9	91
MCW-14b (City and County)	1140	1/14/2022		<	9	82
MCW-14b (City and County)	1140	1/15/2022		<	9	73
MCW-14b (City and County)	1140	1/16/2022		<	9	66
MCW-14b (City and County)	1140	1/17/2022		<	9	59
MCW-14b (City and County)	1045	1/18/2022♦		=	330	60
MCW-14b (City and County)	1045	1/19/2022		=	330	61
MCW-14b (City and County)	1045	1/20/2022		=	330	62
MCW-14b (City and County)	1045	1/21/2022		=	330	63
MCW-14b (City and County)	1045	1/22/2022		=	330	64
MCW-14b (City and County)	1045	1/23/2022		=	330	65
MCW-14b (City and County)	1045	1/24/2022		=	330	66
MCW-14b (City and County)	1055	1/25/2022♦		=	78	64
MCW-14b (City and County)	1055	1/26/2022		=	78	62
MCW-14b (City and County)	1055	1/27/2022		=	78	62
MCW-14b (City and County)	1055	1/28/2022		=	78	62
MCW-14b (City and County)	1055	1/29/2022		=	78	63
MCW-14b (City and County)	1055	1/30/2022		=	78	63
MCW-14b (City and County)	1055	1/31/2022		=	78	63
MCW-15c (City)*	1110	1/1/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1110	1/2/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1110	1/3/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1220	1/4/2022♦		=	330	19

MCW-15c (City)*	1220	1/5/2022		=	330	20
MCW-15c (City)*	1220	1/6/2022		=	330	20
MCW-15c (City)*	1220	1/7/2022		=	330	21
MCW-15c (City)*	1220	1/8/2022		=	330	22
MCW-15c (City)*	1220	1/9/2022		=	330	22
MCW-15c (City)*	1220	1/10/2022		=	330	23
MCW-15c (City)*	1120	1/11/2022♦		<	9	21
MCW-15c (City)*	1120	1/12/2022		<	9	21
MCW-15c (City)*	1120	1/13/2022		<	9	21
MCW-15c (City)*	1120	1/14/2022		<	9	21
MCW-15c (City)*	1120	1/15/2022		<	9	21
MCW-15c (City)*	1120	1/16/2022		<	9	21
MCW-15c (City)*	1120	1/17/2022		<	9	21
MCW-15c (City)*	1015	1/18/2022♦		=	230	23
MCW-15c (City)*	1015	1/19/2022		=	230	26
MCW-15c (City)*	1015	1/20/2022		=	230	29
MCW-15c (City)*	1015	1/21/2022		=	230	32
MCW-15c (City)*	1015	1/22/2022		=	230	36
MCW-15c (City)*	1015	1/23/2022		=	230	40
MCW-15c (City)*	1015	1/24/2022		=	230	44
MCW-15c (City)*	1020	1/25/2022♦		<	9	44
MCW-15c (City)*	1020	1/26/2022		<	9	44
MCW-15c (City)*	1020	1/27/2022		<	9	44
MCW-15c (City)*	1020	1/28/2022		<	9	44
MCW-15c (City)*	1020	1/29/2022		<	9	44
MCW-15c (City)*	1020	1/30/2022		<	9	44
MCW-15c (City)*	1020	1/31/2022		<	9	44
MCW-17 (City and County)	1050	1/1/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1050	1/2/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1050	1/3/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1150	1/4/2022♦		=	130	10
MCW-17 (City and County)	1150	1/5/2022		=	130	11
MCW-17 (City and County)	1150	1/6/2022		=	130	12
MCW-17 (City and County)	1150	1/7/2022		=	130	13
MCW-17 (City and County)	1150	1/8/2022		=	130	14
MCW-17 (City and County)	1150	1/9/2022		=	130	15
MCW-17 (City and County)	1150	1/10/2022		=	130	17
MCW-17 (City and County)	1100	1/11/2022♦		=	20	17
MCW-17 (City and County)	1100	1/12/2022		=	20	18
MCW-17 (City and County)	1100	1/13/2022		=	20	18
MCW-17 (City and County)	1100	1/14/2022		=	20	19
MCW-17 (City and County)	1100	1/15/2022		=	20	19
MCW-17 (City and County)	1100	1/16/2022		=	20	20

MCW-17 (City and County)	1100	1/17/2022		=	20	20
MCW-17 (City and County)	1000	1/18/2022♦		=	68	22
MCW-17 (City and County)	1000	1/19/2022		=	68	23
MCW-17 (City and County)	1000	1/20/2022		=	68	25
MCW-17 (City and County)	1000	1/21/2022		=	68	26
MCW-17 (City and County)	1000	1/22/2022		=	68	28
MCW-17 (City and County)	1000	1/23/2022		=	68	30
MCW-17 (City and County)	1000	1/24/2022		=	68	32
MCW-17 (City and County)	1000	1/25/2022♦		<	9	32
MCW-17 (City and County)	1000	1/26/2022		<	9	32
MCW-17 (City and County)	1000	1/27/2022		<	9	32
MCW-17 (City and County)	1000	1/28/2022		<	9	32
MCW-17 (City and County)	1000	1/29/2022		<	9	32
MCW-17 (City and County)	1000	1/30/2022		<	9	32
MCW-17 (City and County)	1000	1/31/2022		<	9	32
MCW-18 (County)	-	1/1/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	1/2/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	1/3/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	1/4/2022♦	Dry	<	9	9
MCW-18 (County)	-	1/5/2022	Dry	<	9	9
MCW-18 (County)	-	1/6/2022	Dry	<	9	9
MCW-18 (County)	-	1/7/2022	Dry	<	9	9
MCW-18 (County)	-	1/8/2022	Dry	<	9	9
MCW-18 (County)	-	1/9/2022	Dry	<	9	9
MCW-18 (County)	-	1/10/2022	Dry	<	9	9
MCW-18 (County)	-	1/11/2022♦	Dry	<	9	9
MCW-18 (County)	-	1/12/2022	Dry	<	9	9
MCW-18 (County)	-	1/13/2022	Dry	<	9	9
MCW-18 (County)	-	1/14/2022	Dry	<	9	9
MCW-18 (County)	-	1/15/2022	Dry	<	9	9
MCW-18 (County)	-	1/16/2022	Dry	<	9	9
MCW-18 (County)	-	1/17/2022	Dry	<	9	9
MCW-18 (County)	-	1/18/2022♦	Dry	<	9	9
MCW-18 (County)	-	1/19/2022	Dry	<	9	9
MCW-18 (County)	-	1/20/2022	Dry	<	9	9
MCW-18 (County)	-	1/21/2022	Dry	<	9	9
MCW-18 (County)	-	1/22/2022	Dry	<	9	9
MCW-18 (County)	-	1/23/2022	Dry	<	9	9
MCW-18 (County)	-	1/24/2022	Dry	<	9	9
MCW-18 (County)	-	1/25/2022♦	Dry	<	9	9
MCW-18 (County)	-	1/26/2022	Dry	<	9	9
MCW-18 (County)	-	1/27/2022	Dry	<	9	9
MCW-18 (County)	-	1/28/2022	Dry	<	9	9
MCW-18 (County)	-	1/29/2022	Dry	<	9	9
MCW-18 (County)	-	1/30/2022	Dry	<	9	9
MCW-18 (County)	-	1/31/2022	Dry	<	9	9

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

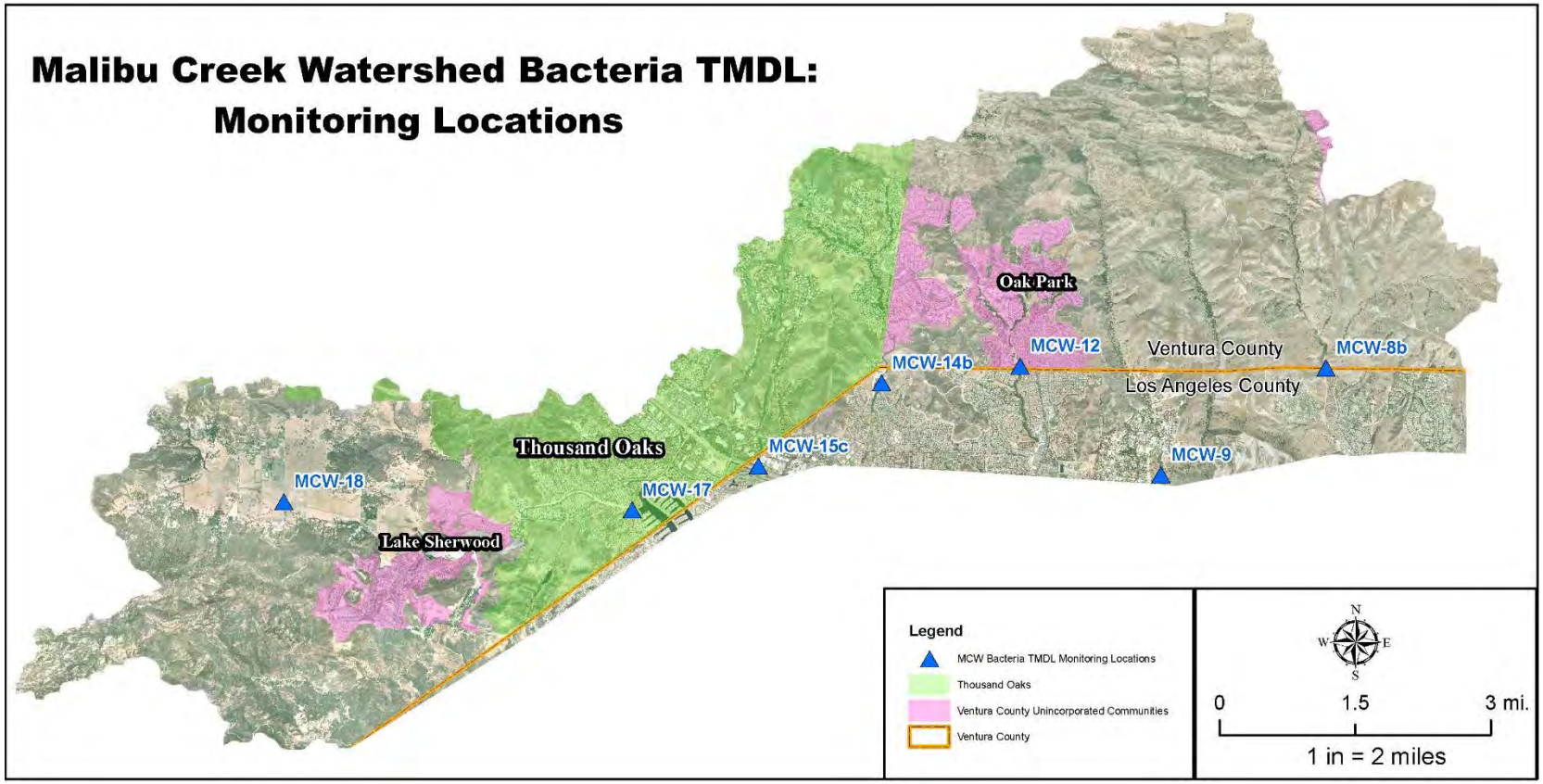
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
N
W
E
S
0
1.5
3 mi.
1 in = 2 miles

PUBLIC VENTURA COUNTY WORKS
COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services **Joan Araujo**, Director | Engineering Services **Christopher Cooper**, Director | Roads & Transportation **Christopher Kurgan**, Director | Water & Sanitation **Joseph Pope**, Director | Watershed Protection **Glenn Shephard**, Director

March 24, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of February 2022. Sites were sampled weekly (February 1, 8,15, and 22). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results, while Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled “Dry.” A map showing the location of the monitoring sites is included below.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1” rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Erik Anselm

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	Time	Date	Rain		E. coli
					(235 MPN)
MCW-8b (County)	1135	2/1/2022♦		<	18
MCW-8b (County)	1225	2/8/2022♦		=	20
MCW-8b (County)	1230	2/15/2022♦		<	18
MCW-8b (County)	1210	2/22/2022♦		<	18
MCW-9 (County)		2/1/2022♦	Dry		DRY
MCW-9 (County)		2/8/2022♦	Dry		DRY
MCW-9 (County)		2/15/2022♦	Dry		DRY
MCW-9 (County)		2/22/2022♦	Dry		DRY
MCW-12 (County)	1100	2/1/2022♦		=	20
MCW-12 (County)	1205	2/8/2022♦		=	330
MCW-12 (County)	1155	2/15/2022♦		=	68
MCW-12 (County)	1130	2/22/2022♦		=	790
MCW-14b (City and County)	1035	2/1/2022♦		<	18
MCW-14b (City and County)	1145	2/8/2022♦		=	130
MCW-14b (City and County)	1120	2/15/2022♦		=	78
MCW-14b (City and County)	1100	2/22/2022♦		=	130
MCW-15c (City)*	1005	2/1/2022♦		<	18
MCW-15c (City)*	1120	2/8/2022♦		=	78
MCW-15c (City)*	1045	2/15/2022♦		<	18
MCW-15c (City)*	1030	2/22/2022♦		<	18
MCW-17 (City and County)	930	2/1/2022♦		<	18
MCW-17 (City and County)	1045	2/8/2022♦		=	78
MCW-17 (City and County)	1015	2/15/2022♦		=	330
MCW-17 (City and County)	1000	2/22/2022♦		=	78
MCW-18 (County)		2/1/2022♦	Dry		DRY
MCW-18 (County)		2/8/2022♦	Dry		DRY
MCW-18 (County)		2/15/2022♦	Dry		DRY
MCW-18 (County)		2/22/2022♦	Dry		DRY

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
¨: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	1135	2/1/2022♦		<	9	11
MCW-8b (County)	1135	2/2/2022		<	9	11
MCW-8b (County)	1135	2/3/2022		<	9	11
MCW-8b (County)	1135	2/4/2022		<	9	10
MCW-8b (County)	1135	2/5/2022		<	9	10
MCW-8b (County)	1135	2/6/2022		<	9	10
MCW-8b (County)	1135	2/7/2022		<	9	9
MCW-8b (County)	1225	2/8/2022♦		=	20	9
MCW-8b (County)	1225	2/9/2022		=	20	9
MCW-8b (County)	1225	2/10/2022		=	20	10
MCW-8b (County)	1225	2/11/2022		=	20	10
MCW-8b (County)	1225	2/12/2022		=	20	10
MCW-8b (County)	1225	2/13/2022		=	20	11
MCW-8b (County)	1225	2/14/2022		=	20	11
MCW-8b (County)	1230	2/15/2022♦		<	9	11
MCW-8b (County)	1230	2/16/2022		<	9	11
MCW-8b (County)	1230	2/17/2022		<	9	11
MCW-8b (County)	1230	2/18/2022		<	9	11
MCW-8b (County)	1230	2/19/2022		<	9	11
MCW-8b (County)	1230	2/20/2022		<	9	11
MCW-8b (County)	1230	2/21/2022		<	9	11
MCW-8b (County)	1210	2/22/2022♦		<	9	11
MCW-8b (County)	1210	2/23/2022		<	9	11
MCW-8b (County)	1210	2/24/2022		<	9	11
MCW-8b (County)	1210	2/25/2022		<	9	11
MCW-8b (County)	1210	2/26/2022		<	9	11
MCW-8b (County)	1210	2/27/2022		<	9	11
MCW-8b (County)	1210	2/28/2022		<	9	11
MCW-9 (County)	-	2/1/2022♦	Dry	<	9	9
MCW-9 (County)	-	2/2/2022	Dry	<	9	9
MCW-9 (County)	-	2/3/2022	Dry	<	9	9
MCW-9 (County)	-	2/4/2022	Dry	<	9	9
MCW-9 (County)	-	2/5/2022	Dry	<	9	9
MCW-9 (County)	-	2/6/2022	Dry	<	9	9
MCW-9 (County)	-	2/7/2022	Dry	<	9	9
MCW-9 (County)	-	2/8/2022♦	Dry	<	9	9
MCW-9 (County)	-	2/9/2022	Dry	<	9	9
MCW-9 (County)	-	2/10/2022	Dry	<	9	9
MCW-9 (County)	-	2/11/2022	Dry	<	9	9
MCW-9 (County)	-	2/12/2022	Dry	<	9	9
MCW-9 (County)	-	2/13/2022	Dry	<	9	9
MCW-9 (County)	-	2/14/2022	Dry	<	9	9
MCW-9 (County)	-	2/15/2022♦	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-9 (County)	-	2/16/2022	Dry	<	9	9
MCW-9 (County)	-	2/17/2022	Dry	<	9	9
MCW-9 (County)	-	2/18/2022	Dry	<	9	9
MCW-9 (County)	-	2/19/2022	Dry	<	9	9
MCW-9 (County)	-	2/20/2022	Dry	<	9	9
MCW-9 (County)	-	2/21/2022	Dry	<	9	9
MCW-9 (County)	-	2/22/2022♦	Dry	<	9	9
MCW-9 (County)	-	2/23/2022	Dry	<	9	9
MCW-9 (County)	-	2/24/2022	Dry	<	9	9
MCW-9 (County)	-	2/25/2022	Dry	<	9	9
MCW-9 (County)	-	2/26/2022	Dry	<	9	9
MCW-9 (County)	-	2/27/2022	Dry	<	9	9
MCW-9 (County)	-	2/28/2022	Dry	<	9	9
MCW-12 (County)	1100	2/1/2022♦		=	20	149
MCW-12 (County)	1100	2/2/2022		=	20	145
MCW-12 (County)	1100	2/3/2022		=	20	136
MCW-12 (County)	1100	2/4/2022		=	20	127
MCW-12 (County)	1100	2/5/2022		=	20	119
MCW-12 (County)	1100	2/6/2022		=	20	112
MCW-12 (County)	1100	2/7/2022		=	20	105
MCW-12 (County)	1205	2/8/2022♦		=	330	108
MCW-12 (County)	1205	2/9/2022		=	330	111
MCW-12 (County)	1205	2/10/2022		=	330	115
MCW-12 (County)	1205	2/11/2022		=	330	118
MCW-12 (County)	1205	2/12/2022		=	330	122
MCW-12 (County)	1205	2/13/2022		=	330	126
MCW-12 (County)	1205	2/14/2022		=	330	130
MCW-12 (County)	1155	2/15/2022♦		=	68	127
MCW-12 (County)	1155	2/16/2022		=	68	124
MCW-12 (County)	1155	2/17/2022		=	68	118
MCW-12 (County)	1155	2/18/2022		=	68	112
MCW-12 (County)	1155	2/19/2022		=	68	106
MCW-12 (County)	1155	2/20/2022		=	68	101
MCW-12 (County)	1155	2/21/2022		=	68	95
MCW-12 (County)	1130	2/22/2022♦		=	790	98
MCW-12 (County)	1130	2/23/2022		=	790	101
MCW-12 (County)	1130	2/24/2022		=	790	107
MCW-12 (County)	1130	2/25/2022		=	790	114
MCW-12 (County)	1130	2/26/2022		=	790	121
MCW-12 (County)	1130	2/27/2022		=	790	129
MCW-12 (County)	1130	2/28/2022		=	790	137

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-14b (City and County)	1035	2/1/2022♦		<	9	59
MCW-14b (City and County)	1035	2/2/2022		<	9	55
MCW-14b (City and County)	1035	2/3/2022		<	9	52
MCW-14b (City and County)	1035	2/4/2022		<	9	48
MCW-14b (City and County)	1035	2/5/2022		<	9	45
MCW-14b (City and County)	1035	2/6/2022		<	9	42
MCW-14b (City and County)	1035	2/7/2022		<	9	40
MCW-14b (City and County)	1145	2/8/2022♦		=	130	40
MCW-14b (City and County)	1145	2/9/2022		=	130	41
MCW-14b (City and County)	1145	2/10/2022		=	130	45
MCW-14b (City and County)	1145	2/11/2022		=	130	49
MCW-14b (City and County)	1145	2/12/2022		=	130	54
MCW-14b (City and County)	1145	2/13/2022		=	130	59
MCW-14b (City and County)	1145	2/14/2022		=	130	64
MCW-14b (City and County)	1120	2/15/2022♦		=	78	69
MCW-14b (City and County)	1120	2/16/2022		=	78	74
MCW-14b (City and County)	1120	2/17/2022		=	78	71
MCW-14b (City and County)	1120	2/18/2022		=	78	68
MCW-14b (City and County)	1120	2/19/2022		=	78	64
MCW-14b (City and County)	1120	2/20/2022		=	78	61
MCW-14b (City and County)	1120	2/21/2022		=	78	58
MCW-14b (City and County)	1100	2/22/2022♦		=	130	57
MCW-14b (City and County)	1100	2/23/2022		=	130	55
MCW-14b (City and County)	1100	2/24/2022		=	130	56
MCW-14b (City and County)	1100	2/25/2022		=	130	57
MCW-14b (City and County)	1100	2/26/2022		=	130	58
MCW-14b (City and County)	1100	2/27/2022		=	130	59
MCW-14b (City and County)	1100	2/28/2022		=	130	60
MCW-15c (City)*	1005	2/1/2022♦		<	9	44
MCW-15c (City)*	1005	2/2/2022		<	9	44
MCW-15c (City)*	1005	2/3/2022		<	9	39
MCW-15c (City)*	1005	2/4/2022		<	9	35
MCW-15c (City)*	1005	2/5/2022		<	9	31
MCW-15c (City)*	1005	2/6/2022		<	9	27
MCW-15c (City)*	1005	2/7/2022		<	9	24
MCW-15c (City)*	1120	2/8/2022♦		=	78	23
MCW-15c (City)*	1120	2/9/2022		=	78	22
MCW-15c (City)*	1120	2/10/2022		=	78	24
MCW-15c (City)*	1120	2/11/2022		=	78	26
MCW-15c (City)*	1120	2/12/2022		=	78	27
MCW-15c (City)*	1120	2/13/2022		=	78	30

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-15c (City)*	1120	2/14/2022		=	78	32
MCW-15c (City)*	1045	2/15/2022♦		<	9	32
MCW-15c (City)*	1045	2/16/2022		<	9	32
MCW-15c (City)*	1045	2/17/2022		<	9	28
MCW-15c (City)*	1045	2/18/2022		<	9	26
MCW-15c (City)*	1045	2/19/2022		<	9	23
MCW-15c (City)*	1045	2/20/2022		<	9	21
MCW-15c (City)*	1045	2/21/2022		<	9	18
MCW-15c (City)*	1030	2/22/2022♦		<	9	17
MCW-15c (City)*	1030	2/23/2022		<	9	15
MCW-15c (City)*	1030	2/24/2022		<	9	15
MCW-15c (City)*	1030	2/25/2022		<	9	15
MCW-15c (City)*	1030	2/26/2022		<	9	15
MCW-15c (City)*	1030	2/27/2022		<	9	15
MCW-15c (City)*	1030	2/28/2022		<	9	15
MCW-17 (City and County)	930	2/1/2022♦		<	9	32
MCW-17 (City and County)	930	2/2/2022		<	9	32
MCW-17 (City and County)	930	2/3/2022		<	9	30
MCW-17 (City and County)	930	2/4/2022		<	9	27
MCW-17 (City and County)	930	2/5/2022		<	9	25
MCW-17 (City and County)	930	2/6/2022		<	9	23
MCW-17 (City and County)	930	2/7/2022		<	9	21
MCW-17 (City and County)	1045	2/8/2022♦		=	78	20
MCW-17 (City and County)	1045	2/9/2022		=	78	20
MCW-17 (City and County)	1045	2/10/2022		=	78	21
MCW-17 (City and County)	1045	2/11/2022		=	78	22
MCW-17 (City and County)	1045	2/12/2022		=	78	23
MCW-17 (City and County)	1045	2/13/2022		=	78	24
MCW-17 (City and County)	1045	2/14/2022		=	78	25
MCW-17 (City and County)	1015	2/15/2022♦		=	330	28
MCW-17 (City and County)	1015	2/16/2022		=	330	30
MCW-17 (City and County)	1015	2/17/2022		=	330	32
MCW-17 (City and County)	1015	2/18/2022		=	330	34
MCW-17 (City and County)	1015	2/19/2022		=	330	36
MCW-17 (City and County)	1015	2/20/2022		=	330	37
MCW-17 (City and County)	1015	2/21/2022		=	330	40
MCW-17 (City and County)	1000	2/22/2022♦		=	78	40
MCW-17 (City and County)	1000	2/23/2022		=	78	40
MCW-17 (City and County)	1000	2/24/2022		=	78	43
MCW-17 (City and County)	1000	2/25/2022		=	78	46
MCW-17 (City and County)	1000	2/26/2022		=	78	49

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-17 (City and County)	1000	2/27/2022		=	78	53
MCW-17 (City and County)	1000	2/28/2022		=	78	57
MCW-18 (County)	-	2/1/2022♦	Dry	<	9	9
MCW-18 (County)	-	2/2/2022	Dry	<	9	9
MCW-18 (County)	-	2/3/2022	Dry	<	9	9
MCW-18 (County)	-	2/4/2022	Dry	<	9	9
MCW-18 (County)	-	2/5/2022	Dry	<	9	9
MCW-18 (County)	-	2/6/2022	Dry	<	9	9
MCW-18 (County)	-	2/7/2022	Dry	<	9	9
MCW-18 (County)	-	2/8/2022♦	Dry	<	9	9
MCW-18 (County)	-	2/9/2022	Dry	<	9	9
MCW-18 (County)	-	2/10/2022	Dry	<	9	9
MCW-18 (County)	-	2/11/2022	Dry	<	9	9
MCW-18 (County)	-	2/12/2022	Dry	<	9	9
MCW-18 (County)	-	2/13/2022	Dry	<	9	9
MCW-18 (County)	-	2/14/2022	Dry	<	9	9
MCW-18 (County)	-	2/15/2022♦	Dry	<	9	9
MCW-18 (County)	-	2/16/2022	Dry	<	9	9
MCW-18 (County)	-	2/17/2022	Dry	<	9	9
MCW-18 (County)	-	2/18/2022	Dry	<	9	9
MCW-18 (County)	-	2/19/2022	Dry	<	9	9
MCW-18 (County)	-	2/20/2022	Dry	<	9	9
MCW-18 (County)	-	2/21/2022	Dry	<	9	9
MCW-18 (County)	-	2/22/2022♦	Dry	<	9	9
MCW-18 (County)	-	2/23/2022	Dry	<	9	9
MCW-18 (County)	-	2/24/2022	Dry	<	9	9
MCW-18 (County)	-	2/25/2022	Dry	<	9	9
MCW-18 (County)	-	2/26/2022	Dry	<	9	9
MCW-18 (County)	-	2/27/2022	Dry	<	9	9
MCW-18 (County)	-	2/28/2022	Dry	<	9	9

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

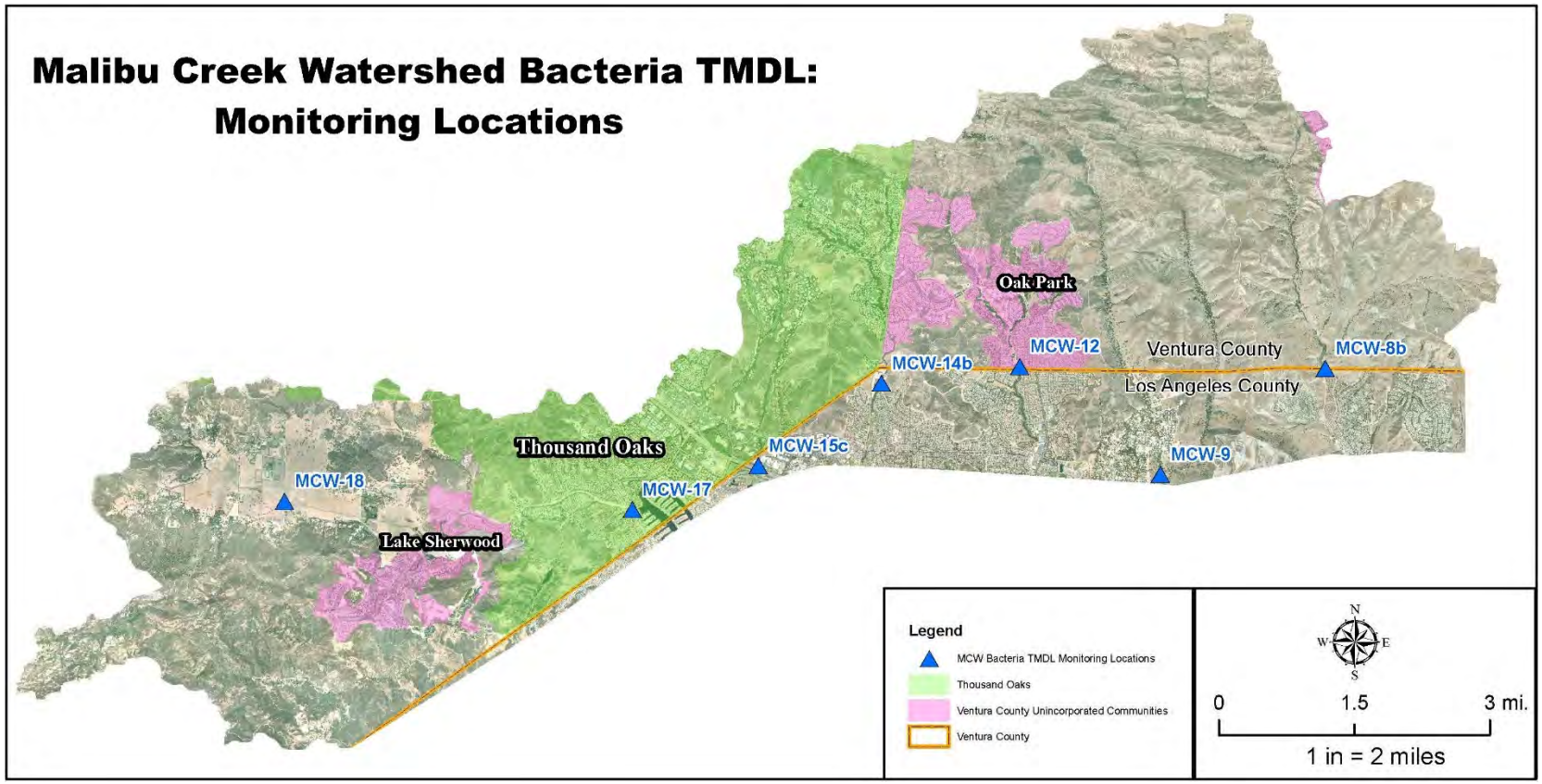
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
N
W
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S
0
1.5
3 mi.
1 in = 2 miles

PUBLIC WORKS VENTURA COUNTY

COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services **Joan Araujo**, Director | Engineering Services **Christopher Cooper**, Director | Roads & Transportation **Christopher Kurgan**, Director | Water & Sanitation **Joseph Pope**, Director | Watershed Protection **Glenn Shephard**, Director

April 28, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of March 2022. Sites were sampled weekly (March 1, 8,15, 22, and 29). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results, while Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled "Dry." A map showing the location of the monitoring sites is included below.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1" rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**
					(235 MPN)
MCW-8b (County)	1155	3/1/2022♦		=	20
MCW-8b (County)	1325	3/8/2022♦		<	18
MCW-8b (County)	1320	3/15/2022♦		<	18
MCW-8b (County)	1310	3/22/2022♦		<	18
MCW-8b (County)	1325	3/29/2022♦	Rain	<	18
MCW-9 (County)		3/1/2022♦	Dry		DRY
MCW-9 (County)		3/8/2022♦	Dry		DRY
MCW-9 (County)		3/15/2022♦	Dry		DRY
MCW-9 (County)		3/22/2022♦	Dry		DRY
MCW-9 (County)		3/29/2022♦	Rain		DRY
MCW-12 (County)	1110	3/1/2022♦		=	230
MCW-12 (County)	1245	3/8/2022♦		=	45
MCW-12 (County)	1230	3/15/2022♦		=	20
MCW-12 (County)	1235	3/22/2022♦		=	170
MCW-12 (County)	1255	3/29/2022♦	Rain	=	1,700
MCW-14b (City and County)	1025	3/1/2022♦		=	20
MCW-14b (City and County)	1215	3/8/2022♦		=	20
MCW-14b (City and County)	1155	3/15/2022♦		=	78
MCW-14b (City and County)	1210	3/22/2022♦		=	170
MCW-14b (City and County)	1220	3/29/2022♦	Rain	=	490
MCW-15c (City)*	1000	3/1/2022♦		=	330
MCW-15c (City)*	1145	3/8/2022♦		=	20
MCW-15c (City)*	1045	3/15/2022♦		=	20
MCW-15c (City)*	1135	3/22/2022♦		=	110
MCW-15c (City)*	1155	3/29/2022♦	Rain	=	2,400
MCW-17 (City and County)	915	3/1/2022♦		=	20
MCW-17 (City and County)	1115	3/8/2022♦		=	20
MCW-17 (City and County)	1015	3/15/2022♦		=	20
MCW-17 (City and County)	1105	3/22/2022♦		<	18
MCW-17 (City and County)	1130	3/29/2022♦	Rain	=	9,200

Location (Jurisdiction)	Time	Date	Rain		Single Sample (as sampled) E. coli (235 MPN)
MCW-18 (County)		3/1/2022♦	Dry		DRY
MCW-18 (County)		3/8/2022♦	Dry		DRY
MCW-18 (County)		3/15/2022♦	Dry		DRY
MCW-18 (County)		3/22/2022♦	Dry		DRY
MCW-18 (County)		3/29/2022♦	Rain		DRY

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
¨: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	1155	3/1/2022♦		=	20	11
MCW-8b (County)	1155	3/2/2022		=	20	11
MCW-8b (County)	1155	3/3/2022		=	20	12
MCW-8b (County)	1155	3/4/2022		=	20	12
MCW-8b (County)	1155	3/5/2022		=	20	12
MCW-8b (County)	1155	3/6/2022		=	20	13
MCW-8b (County)	1155	3/7/2022		=	20	13
MCW-8b (County)	1325	3/8/2022♦		<	9	13
MCW-8b (County)	1325	3/9/2022		<	9	13
MCW-8b (County)	1325	3/10/2022		<	9	13
MCW-8b (County)	1325	3/11/2022		<	9	12
MCW-8b (County)	1325	3/12/2022		<	9	12
MCW-8b (County)	1325	3/13/2022		<	9	12
MCW-8b (County)	1325	3/14/2022		<	9	11
MCW-8b (County)	1320	3/15/2022♦		<	9	11
MCW-8b (County)	1320	3/16/2022		<	9	11
MCW-8b (County)	1320	3/17/2022		<	9	11
MCW-8b (County)	1320	3/18/2022		<	9	11
MCW-8b (County)	1320	3/19/2022		<	9	11
MCW-8b (County)	1320	3/20/2022		<	9	11
MCW-8b (County)	1320	3/21/2022		<	9	11
MCW-8b (County)	1310	3/22/2022♦		<	9	11
MCW-8b (County)	1310	3/23/2022		<	9	11
MCW-8b (County)	1310	3/24/2022		<	9	11
MCW-8b (County)	1310	3/25/2022		<	9	11
MCW-8b (County)	1310	3/26/2022		<	9	11
MCW-8b (County)	1310	3/27/2022		<	9	11
MCW-8b (County)	1310	3/28/2022		<	9	11
MCW-8b (County)	1325	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-8b (County)	1325	3/30/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1325	3/31/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	3/1/2022♦	Dry	<	9	9
MCW-9 (County)	-	3/2/2022	Dry	<	9	9
MCW-9 (County)	-	3/3/2022	Dry	<	9	9
MCW-9 (County)	-	3/4/2022	Dry	<	9	9
MCW-9 (County)	-	3/5/2022	Dry	<	9	9
MCW-9 (County)	-	3/6/2022	Dry	<	9	9
MCW-9 (County)	-	3/7/2022	Dry	<	9	9
MCW-9 (County)	-	3/8/2022♦	Dry	<	9	9
MCW-9 (County)	-	3/9/2022	Dry	<	9	9
MCW-9 (County)	-	3/10/2022	Dry	<	9	9
MCW-9 (County)	-	3/11/2022	Dry	<	9	9

Location (Jurisdiction)	Time	Date	Rain	Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
					E. coli (235 MPN)	E. coli (126 MPN)
MCW-9 (County)	-	3/12/2022	Dry	<	9	9
MCW-9 (County)	-	3/13/2022	Dry	<	9	9
MCW-9 (County)	-	3/14/2022	Dry	<	9	9
MCW-9 (County)	-	3/15/2022♦	Dry	<	9	9
MCW-9 (County)	-	3/16/2022	Dry	<	9	9
MCW-9 (County)	-	3/17/2022	Dry	<	9	9
MCW 9 (County)	-	3/18/2022	Dry	<	9	9
MCW-9 (County)	-	3/19/2022	Dry	<	9	9
MCW-9 (County)	-	3/20/2022	Dry	<	9	9
MCW-9 (County)	-	3/21/2022	Dry	<	9	9
MCW-9 (County)	-	3/22/2022♦	Dry	<	9	9
MCW-9 (County)	-	3/23/2022	Dry	<	9	9
MCW-9 (County)	-	3/24/2022	Dry	<	9	9
MCW-9 (County)	-	3/25/2022	Dry	<	9	9
MCW-9 (County)	-	3/26/2022	Dry	<	9	9
MCW-9 (County)	-	3/27/2022	Dry	<	9	9
MCW-9 (County)	-	3/28/2022	Dry	<	9	9
MCW-9 (County)	-	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-9 (County)	-	3/30/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	3/31/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1110	3/1/2022♦		=	230	139
MCW-12 (County)	1110	3/2/2022		=	230	142
MCW-12 (County)	1110	3/3/2022		=	230	154
MCW-12 (County)	1110	3/4/2022		=	230	167
MCW-12 (County)	1110	3/5/2022		=	230	181
MCW-12 (County)	1110	3/6/2022		=	230	197
MCW-12 (County)	1110	3/7/2022		=	230	213
MCW-12 (County)	1245	3/8/2022♦		=	45	219
MCW-12 (County)	1245	3/9/2022		=	45	225
MCW-12 (County)	1245	3/10/2022		=	45	211
MCW-12 (County)	1245	3/11/2022		=	45	197
MCW-12 (County)	1245	3/12/2022		=	45	185
MCW-12 (County)	1245	3/13/2022		=	45	173
MCW-12 (County)	1245	3/14/2022		=	45	162
MCW-12 (County)	1230	3/15/2022♦		=	20	147
MCW-12 (County)	1230	3/16/2022		=	20	134
MCW-12 (County)	1230	3/17/2022		=	20	129
MCW-12 (County)	1230	3/18/2022		=	20	124
MCW-12 (County)	1230	3/19/2022		=	20	119
MCW-12 (County)	1230	3/20/2022		=	20	114
MCW-12 (County)	1230	3/21/2022		=	20	109

Location (Jurisdiction)	Time	Date	Rain		Single Sample (adjusted for rain, dry and NDs) E. coli (235 MPN)	Geometric Mean E. coli (126 MPN)
MCW-12 (County)	1235	3/22/2022♦		=	170	113
MCW-12 (County)	1235	3/23/2022		=	170	116
MCW-12 (County)	1235	3/24/2022		=	170	110
MCW-12 (County)	1235	3/25/2022		=	170	105
MCW-12 (County)	1235	3/26/2022		=	170	100
MCW-12 (County)	1235	3/27/2022		=	170	95
MCW-12 (County)	1235	3/28/2022		=	170	90
MCW-12 (County)	1255	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-12 (County)	1255	3/30/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1255	3/31/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1025	3/1/2022♦		=	20	57
MCW-14b (City and County)	1025	3/2/2022		=	20	55
MCW-14b (City and County)	1025	3/3/2022		=	20	56
MCW-14b (City and County)	1025	3/4/2022		=	20	58
MCW-14b (City and County)	1025	3/5/2022		=	20	59
MCW-14b (City and County)	1025	3/6/2022		=	20	61
MCW-14b (City and County)	1025	3/7/2022		=	20	62
MCW-14b (City and County)	1215	3/8/2022♦		=	20	64
MCW-14b (City and County)	1215	3/9/2022		=	20	66
MCW-14b (City and County)	1215	3/10/2022		=	20	62
MCW-14b (City and County)	1215	3/11/2022		=	20	58
MCW-14b (City and County)	1215	3/12/2022		=	20	55
MCW-14b (City and County)	1215	3/13/2022		=	20	51
MCW-14b (City and County)	1215	3/14/2022		=	20	48
MCW-14b (City and County)	1155	3/15/2022♦		=	78	47
MCW-14b (City and County)	1155	3/16/2022		=	78	47
MCW-14b (City and County)	1155	3/17/2022		=	78	47
MCW-14b (City and County)	1155	3/18/2022		=	78	47
MCW-14b (City and County)	1155	3/19/2022		=	78	47
MCW-14b (City and County)	1155	3/20/2022		=	78	47
MCW-14b (City and County)	1155	3/21/2022		=	78	47
MCW-14b (City and County)	1210	3/22/2022♦		=	170	48
MCW-14b (City and County)	1210	3/23/2022		=	170	49
MCW-14b (City and County)	1210	3/24/2022		=	170	49
MCW-14b (City and County)	1210	3/25/2022		=	170	50
MCW-14b (City and County)	1210	3/26/2022		=	170	50
MCW-14b (City and County)	1210	3/27/2022		=	170	51
MCW-14b (City and County)	1210	3/28/2022		=	170	51
MCW-14b (City and County)	1220	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1220	3/30/2022	Rain		**Rain**	**Rain**

Location (Jurisdiction)	Time	Date	Rain		Single Sample (adjusted for rain, dry and NDs) E. coli (235 MPN)	Geometric Mean E. coli (126 MPN)
MCW-14b (City and County)	1220	3/31/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1000	3/1/2022♦		=	330	17
MCW-15c (City)*	1000	3/2/2022		=	330	19
MCW-15c (City)*	1000	3/3/2022		=	330	21
MCW-15c (City)*	1000	3/4/2022		=	330	24
MCW-15c (City)*	1000	3/5/2022		=	330	27
MCW-15c (City)*	1000	3/6/2022		=	330	31
MCW-15c (City)*	1000	3/7/2022		=	330	35
MCW-15c (City)*	1145	3/8/2022♦		=	20	35
MCW-15c (City)*	1145	3/9/2022		=	20	36
MCW-15c (City)*	1145	3/10/2022		=	20	35
MCW-15c (City)*	1145	3/11/2022		=	20	33
MCW-15c (City)*	1145	3/12/2022		=	20	32
MCW-15c (City)*	1145	3/13/2022		=	20	30
MCW-15c (City)*	1145	3/14/2022		=	20	29
MCW-15c (City)*	1045	3/15/2022♦		=	20	28
MCW-15c (City)*	1045	3/16/2022		=	20	27
MCW-15c (City)*	1045	3/17/2022		=	20	27
MCW-15c (City)*	1045	3/18/2022		=	20	28
MCW-15c (City)*	1045	3/19/2022		=	20	29
MCW-15c (City)*	1045	3/20/2022		=	20	29
MCW-15c (City)*	1045	3/21/2022		=	20	30
MCW-15c (City)*	1135	3/22/2022♦		=	110	33
MCW-15c (City)*	1135	3/23/2022		=	110	36
MCW-15c (City)*	1135	3/24/2022		=	110	39
MCW-15c (City)*	1135	3/25/2022		=	110	42
MCW-15c (City)*	1135	3/26/2022		=	110	46
MCW-15c (City)*	1135	3/27/2022		=	110	50
MCW-15c (City)*	1135	3/28/2022		=	110	54
MCW-15c (City)*	1155	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-15c (City)*	1155	3/30/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1155	3/31/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	915	3/1/2022♦		=	20	59
MCW-17 (City and County)	915	3/2/2022		=	20	60
MCW-17 (City and County)	915	3/3/2022		=	20	62
MCW-17 (City and County)	915	3/4/2022		=	20	64
MCW-17 (City and County)	915	3/5/2022		=	20	65
MCW-17 (City and County)	915	3/6/2022		=	20	67
MCW-17 (City and County)	915	3/7/2022		=	20	69

Location (Jurisdiction)	Time	Date	Rain		Single Sample (adjusted for rain, dry and NDs) E. coli (235 MPN)	Geometric Mean E. coli (126 MPN)
MCW-17 (City and County)	1115	3/8/2022♦		=	20	71
MCW-17 (City and County)	1115	3/9/2022		=	20	73
MCW-17 (City and County)	1115	3/10/2022		=	20	69
MCW-17 (City and County)	1115	3/11/2022		=	20	66
MCW-17 (City and County)	1115	3/12/2022		=	20	63
MCW-17 (City and County)	1115	3/13/2022		=	20	61
MCW-17 (City and County)	1115	3/14/2022		=	20	58
MCW-17 (City and County)	1015	3/15/2022♦		=	20	55
MCW-17 (City and County)	1015	3/16/2022		=	20	53
MCW-17 (City and County)	1015	3/17/2022		=	20	48
MCW-17 (City and County)	1015	3/18/2022		=	20	44
MCW-17 (City and County)	1015	3/19/2022		=	20	40
MCW-17 (City and County)	1015	3/20/2022		=	20	36
MCW-17 (City and County)	1015	3/21/2022		=	20	33
MCW-17 (City and County)	1105	3/22/2022♦		<	9	29
MCW-17 (City and County)	1105	3/23/2022		<	9	26
MCW-17 (City and County)	1105	3/24/2022		<	9	24
MCW-17 (City and County)	1105	3/25/2022		<	9	23
MCW-17 (City and County)	1105	3/26/2022		<	9	21
MCW-17 (City and County)	1105	3/27/2022		<	9	20
MCW-17 (City and County)	1105	3/28/2022		<	9	18
MCW-17 (City and County)	1130	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	3/30/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	3/31/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	3/1/2022♦	Dry	<	9	9
MCW-18 (County)	-	3/2/2022	Dry	<	9	9
MCW-18 (County)	-	3/3/2022	Dry	<	9	9
MCW-18 (County)	-	3/4/2022	Dry	<	9	9
MCW-18 (County)	-	3/5/2022	Dry	<	9	9
MCW-18 (County)	-	3/6/2022	Dry	<	9	9
MCW-18 (County)	-	3/7/2022	Dry	<	9	9
MCW-18 (County)	-	3/8/2022♦	Dry	<	9	9
MCW-18 (County)	-	3/9/2022	Dry	<	9	9
MCW-18 (County)	-	3/10/2022	Dry	<	9	9
MCW-18 (County)	-	3/11/2022	Dry	<	9	9
MCW-18 (County)	-	3/12/2022	Dry	<	9	9
MCW-18 (County)	-	3/13/2022	Dry	<	9	9
MCW-18 (County)	-	3/14/2022	Dry	<	9	9
MCW-18 (County)	-	3/15/2022♦	Dry	<	9	9
MCW-18 (County)	-	3/16/2022	Dry	<	9	9
MCW-18 (County)	-	3/17/2022	Dry	<	9	9

Location (Jurisdiction)	Time	Date	Rain		Single Sample (adjusted for rain, dry and NDs) E. coli (235 MPN)	Geometric Mean E. coli (126 MPN)
MCW-18 (County)	-	3/18/2022	Dry	<	9	9
MCW-18 (County)	-	3/19/2022	Dry	<	9	9
MCW-18 (County)	-	3/20/2022	Dry	<	9	9
MCW-18 (County)	-	3/21/2022	Dry	<	9	9
MCW-18 (County)	-	3/22/2022♦	Dry	<	9	9
MCW-18 (County)	-	3/23/2022	Dry	<	9	9
MCW-18 (County)	-	3/24/2022	Dry	<	9	9
MCW-18 (County)	-	3/25/2022	Dry	<	9	9
MCW-18 (County)	-	3/26/2022	Dry	<	9	9
MCW-18 (County)	-	3/27/2022	Dry	<	9	9
MCW-18 (County)	-	3/28/2022	Dry	<	9	9
MCW-18 (County)	-	3/29/2022♦	Rain		**Rain**	**Rain**
MCW-18 (County)	-	3/30/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	3/31/2022	Rain		**Rain**	**Rain**

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

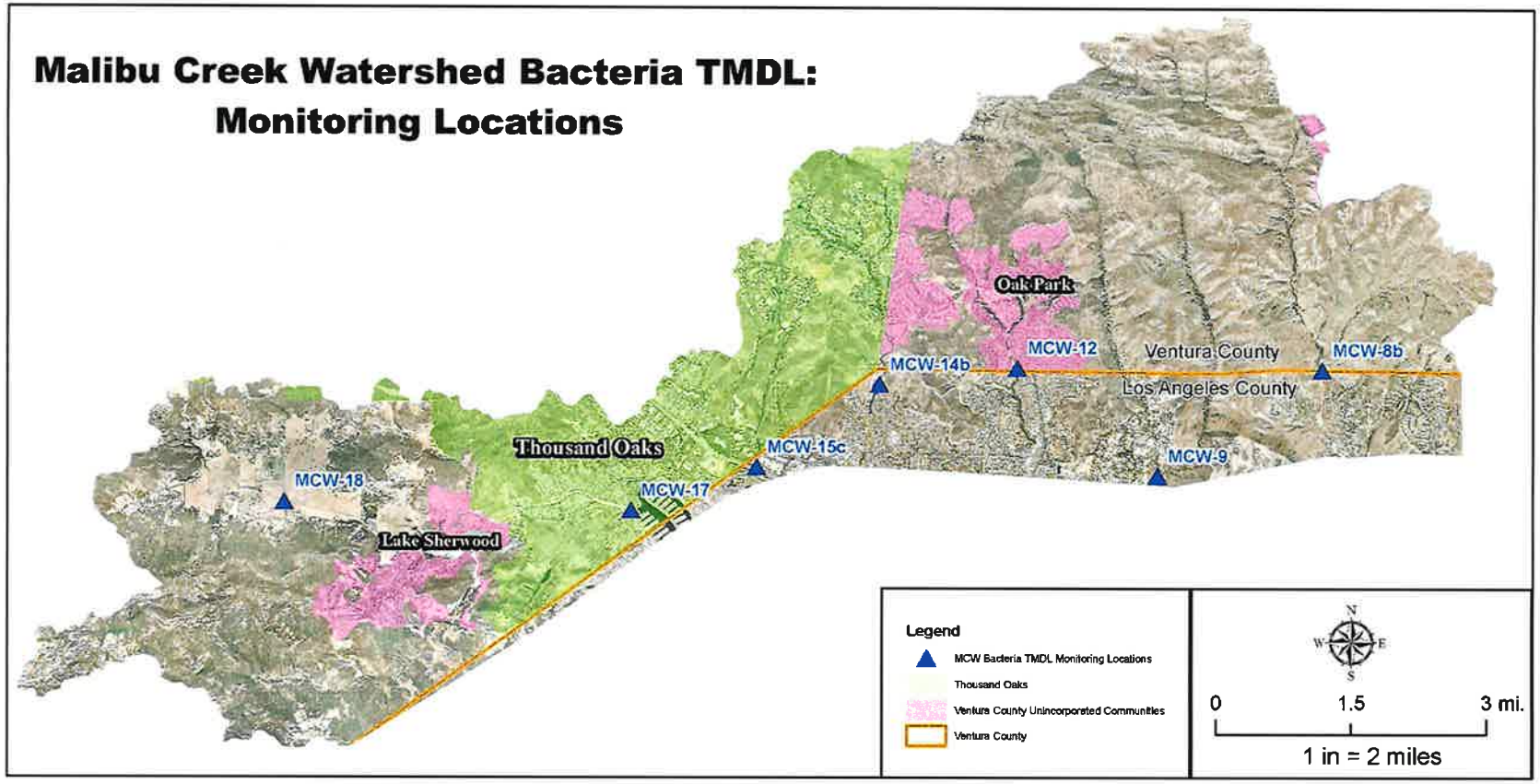
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
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3 mi.
1 in = 2 miles

PUBLIC WORKS VENTURA COUNTY

COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services **Joan Araujo**, Director | Engineering Services **Christopher Cooper**, Director | Roads & Transportation **Christopher Kurgan**, Director | Water & Sanitation **Joseph Pope**, Director | Watershed Protection **Glenn Shephard**, Director

May 24, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of April 2022. Sites were sampled weekly (April 5,12, 19, and 26). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results and Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled "Dry." A map showing the location of the monitoring sites is included herein.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1" rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

Location (Jurisdiction)	Time	Date	Rain	Single Sample (as sampled)	
					E. coli (235 MPN)
MCW-8b (County)	1255	4/5/2022♦		<	18
MCW-8b (County)	1220	4/12/2022♦		<	18
MCW-8b (County)	1255	4/19/2022♦		=	20
MCW-8b (County)	1255	4/26/2022♦		<	18
MCW-9 (County)		4/5/2022♦	Dry		DRY
MCW-9 (County)		4/12/2022♦	Dry		DRY
MCW-9 (County)		4/19/2022♦	Dry		DRY
MCW-9 (County)		4/26/2022♦	Dry		DRY
MCW-12 (County)	1225	4/5/2022♦		=	460
MCW-12 (County)	1135	4/12/2022♦		=	20
MCW-12 (County)	1230	4/19/2022♦		=	170
MCW-12 (County)	1225	4/26/2022♦		=	130
MCW-14b (City and County)	1210	4/5/2022♦		=	1,700
MCW-14b (City and County)	1110	4/12/2022♦		=	130
MCW-14b (City and County)	1210	4/19/2022♦		=	490
MCW-14b (City and County)	1150	4/26/2022♦		=	220
MCW-15c (City)*	1150	4/5/2022♦		<	18
MCW-15c (City)*	1040	4/12/2022♦		=	110
MCW-15c (City)*	1140	4/19/2022♦		=	20
MCW-15c (City)*	1120	4/26/2022♦		=	18
MCW-17 (City and County)	1130	4/5/2022♦		=	68
MCW-17 (City and County)	0950	4/12/2022♦		=	170
MCW-17 (City and County)	1125	4/19/2022♦		=	460
MCW-17 (City and County)	1055	4/26/2022♦		=	790
MCW-18 (County)		4/5/2022♦	Dry		DRY
MCW-18 (County)		4/12/2022♦	Dry		DRY
MCW-18 (County)		4/19/2022♦	Dry		DRY
MCW-18 (County)		4/26/2022♦	Dry		DRY

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
♦: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	1325	4/1/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1325	4/2/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1325	4/3/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1325	4/4/2022	Rain		**Rain**	**Rain**
MCW-8b (County)	1255	4/5/2022♦		<	9	11
MCW-8b (County)	1255	4/6/2022		<	9	11
MCW-8b (County)	1255	4/7/2022		<	9	11
MCW-8b (County)	1255	4/8/2022		<	9	10
MCW-8b (County)	1255	4/9/2022		<	9	10
MCW-8b (County)	1255	4/10/2022		<	9	10
MCW-8b (County)	1255	4/11/2022		<	9	9
MCW-8b (County)	1220	4/12/2022♦		<	9	9
MCW-8b (County)	1220	4/13/2022		<	9	9
MCW-8b (County)	1220	4/14/2022		<	9	9
MCW-8b (County)	1220	4/15/2022		<	9	9
MCW-8b (County)	1220	4/16/2022		<	9	9
MCW-8b (County)	1220	4/17/2022		<	9	9
MCW-8b (County)	1220	4/18/2022		<	9	9
MCW-8b (County)	1255	4/19/2022♦		=	20	9
MCW-8b (County)	1255	4/20/2022		=	20	9
MCW-8b (County)	1255	4/21/2022		=	20	10
MCW-8b (County)	1255	4/22/2022		=	20	10
MCW-8b (County)	1255	4/23/2022		=	20	10
MCW-8b (County)	1255	4/24/2022		=	20	11
MCW-8b (County)	1255	4/25/2022		=	20	11
MCW-8b (County)	1255	4/26/2022♦		<	9	11
MCW-8b (County)	1255	4/27/2022		<	9	11
MCW-8b (County)	1255	4/28/2022		<	9	11
MCW-8b (County)	1255	4/29/2022		<	9	11
MCW-8b (County)	1255	4/30/2022		<	9	11
MCW-9 (County)	-	4/1/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	4/2/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	4/3/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	4/4/2022	Rain		**Rain**	**Rain**
MCW-9 (County)	-	4/5/2022♦	Dry	<	9	9
MCW-9 (County)	-	4/6/2022	Dry	<	9	9
MCW-9 (County)	-	4/7/2022	Dry	<	9	9
MCW-9 (County)	-	4/8/2022	Dry	<	9	9
MCW-9 (County)	-	4/9/2022	Dry	<	9	9
MCW-9 (County)	-	4/10/2022	Dry	<	9	9

Location (Jurisdiction)	Time	Date	Rain	Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
					E. coli (235 MPN)	E. coli (126 MPN)
MCW-9 (County)	-	4/11/2022	Dry	<	9	9
MCW-9 (County)	-	4/12/2022♦	Dry	<	9	9
MCW-9 (County)	-	4/13/2022	Dry	<	9	9
MCW-9 (County)	-	4/14/2022	Dry	<	9	9
MCW-9 (County)	-	4/15/2022	Dry	<	9	9
MCW-9 (County)	-	4/16/2022	Dry	<	9	9
MCW-9 (County)	-	4/17/2022	Dry	<	9	9
MCW-9 (County)	-	4/18/2022	Dry	<	9	9
MCW-9 (County)	-	4/19/2022♦	Dry	<	9	9
MCW-9 (County)	-	4/20/2022	Dry	<	9	9
MCW-9 (County)	-	4/21/2022	Dry	<	9	9
MCW-9 (County)	-	4/22/2022	Dry	<	9	9
MCW-9 (County)	-	4/23/2022	Dry	<	9	9
MCW-9 (County)	-	4/24/2022	Dry	<	9	9
MCW-9 (County)	-	4/25/2022	Dry	<	9	9
MCW-9 (County)	-	4/26/2022♦	Dry	<	9	9
MCW-9 (County)	-	4/27/2022	Dry	<	9	9
MCW-9 (County)	-	4/28/2022	Dry	<	9	9
MCW-9 (County)	-	4/29/2022	Dry	<	9	9
MCW-9 (County)	-	4/30/2022	Dry	<	9	9
MCW-12 (County)	1255	4/1/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1255	4/2/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1255	4/3/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1255	4/4/2022	Rain		**Rain**	**Rain**
MCW-12 (County)	1225	4/5/2022♦		=	460	88
MCW-12 (County)	1225	4/6/2022		=	460	87
MCW-12 (County)	1225	4/7/2022		=	460	89
MCW-12 (County)	1225	4/8/2022		=	460	91
MCW-12 (County)	1225	4/9/2022		=	460	93
MCW-12 (County)	1225	4/10/2022		=	460	95
MCW-12 (County)	1225	4/11/2022		=	460	97
MCW-12 (County)	1135	4/12/2022♦		=	20	90
MCW-12 (County)	1135	4/13/2022		=	20	83
MCW-12 (County)	1135	4/14/2022		=	20	81
MCW-12 (County)	1135	4/15/2022		=	20	78
MCW-12 (County)	1135	4/16/2022		=	20	76
MCW-12 (County)	1135	4/17/2022		=	20	74
MCW-12 (County)	1135	4/18/2022		=	20	72
MCW-12 (County)	1230	4/19/2022♦		=	170	76
MCW-12 (County)	1230	4/20/2022		=	170	79
MCW-12 (County)	1230	4/21/2022		=	170	85

Location (Jurisdiction)	Time	Date	Rain		Single Sample (adjusted for rain, dry and NDs) E. coli (235 MPN)	Geometric Mean E. coli (126 MPN)
MCW-12 (County)	1230	4/22/2022		=	170	91
MCW-12 (County)	1230	4/23/2022		=	170	98
MCW-12 (County)	1230	4/24/2022		=	170	105
MCW-12 (County)	1230	4/25/2022		=	170	113
MCW-12 (County)	1225	4/26/2022♦		=	130	120
MCW-12 (County)	1225	4/27/2022		=	130	128
MCW-12 (County)	1225	4/28/2022		=	130	127
MCW-12 (County)	1225	4/29/2022		=	130	126
MCW-12 (County)	1225	4/30/2022		=	130	124
MCW-14b (City and County)	1220	4/1/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1220	4/2/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1220	4/3/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1220	4/4/2022	Rain		**Rain**	**Rain**
MCW-14b (City and County)	1210	4/5/2022♦		=	1,700	56
MCW-14b (City and County)	1210	4/6/2022		=	1,700	61
MCW-14b (City and County)	1210	4/7/2022		=	1,700	71
MCW-14b (City and County)	1210	4/8/2022		=	1,700	82
MCW-14b (City and County)	1210	4/9/2022		=	1,700	95
MCW-14b (City and County)	1210	4/10/2022		=	1,700	110
MCW-14b (City and County)	1210	4/11/2022		=	1,700	128
MCW-14b (City and County)	1110	4/12/2022♦		=	130	136
MCW-14b (City and County)	1110	4/13/2022		=	130	145
MCW-14b (City and County)	1110	4/14/2022		=	130	154
MCW-14b (City and County)	1110	4/15/2022		=	130	164
MCW-14b (City and County)	1110	4/16/2022		=	130	174
MCW-14b (City and County)	1110	4/17/2022		=	130	186
MCW-14b (City and County)	1110	4/18/2022		=	130	198
MCW-14b (City and County)	1210	4/19/2022♦		=	490	220
MCW-14b (City and County)	1210	4/20/2022		=	490	245
MCW-14b (City and County)	1210	4/21/2022		=	490	260
MCW-14b (City and County)	1210	4/22/2022		=	490	276
MCW-14b (City and County)	1210	4/23/2022		=	490	294
MCW-14b (City and County)	1210	4/24/2022		=	490	312
MCW-14b (City and County)	1210	4/25/2022		=	490	332
MCW-14b (City and County)	1150	4/26/2022♦		=	220	344
MCW-14b (City and County)	1150	4/27/2022		=	220	356
MCW-14b (City and County)	1150	4/28/2022		=	220	359
MCW-14b (City and County)	1150	4/29/2022		=	220	362
MCW-14b (City and County)	1150	4/30/2022		=	220	365

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-15c (City)*	1155	4/1/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1155	4/2/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1155	4/3/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1155	4/4/2022	Rain		**Rain**	**Rain**
MCW-15c (City)*	1150	4/5/2022♦		<	9	54
MCW-15c (City)*	1150	4/6/2022		<	9	54
MCW-15c (City)*	1150	4/7/2022		<	9	48
MCW-15c (City)*	1150	4/8/2022		<	9	43
MCW-15c (City)*	1150	4/9/2022		<	9	38
MCW-15c (City)*	1150	4/10/2022		<	9	34
MCW-15c (City)*	1150	4/11/2022		<	9	30
MCW-15c (City)*	1040	4/12/2022♦		=	110	29
MCW-15c (City)*	1040	4/13/2022		=	110	28
MCW-15c (City)*	1040	4/14/2022		=	110	29
MCW-15c (City)*	1040	4/15/2022		=	110	31
MCW-15c (City)*	1040	4/16/2022		=	110	33
MCW-15c (City)*	1040	4/17/2022		=	110	35
MCW-15c (City)*	1040	4/18/2022		=	110	37
MCW-15c (City)*	1140	4/19/2022♦		=	20	37
MCW-15c (City)*	1140	4/20/2022		=	20	37
MCW-15c (City)*	1140	4/21/2022		=	20	37
MCW-15c (City)*	1140	4/22/2022		=	20	37
MCW-15c (City)*	1140	4/23/2022		=	20	37
MCW-15c (City)*	1140	4/24/2022		=	20	37
MCW-15c (City)*	1140	4/25/2022		=	20	37
MCW-15c (City)*	1120	4/26/2022♦		=	18	37
MCW-15c (City)*	1120	4/27/2022		=	18	37
MCW-15c (City)*	1120	4/28/2022		=	18	34
MCW-15c (City)*	1120	4/29/2022		=	18	32
MCW-15c (City)*	1120	4/30/2022		=	18	30
MCW-17 (City and County)	1130	4/1/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	4/2/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	4/3/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	4/4/2022	Rain		**Rain**	**Rain**
MCW-17 (City and County)	1130	4/5/2022♦		=	68	18
MCW-17 (City and County)	1130	4/6/2022		=	68	18
MCW-17 (City and County)	1130	4/7/2022		=	68	19
MCW-17 (City and County)	1130	4/8/2022		=	68	20
MCW-17 (City and County)	1130	4/9/2022		=	68	20
MCW-17 (City and County)	1130	4/10/2022		=	68	21

Location (Jurisdiction)	Time	Date	Rain	Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
					E. coli (235 MPN)	E. coli (126 MPN)
MCW-17 (City and County)	1130	4/11/2022		=	68	22
MCW-17 (City and County)	0950	4/12/2022♦		=	170	24
MCW-17 (City and County)	0950	4/13/2022		=	170	25
MCW-17 (City and County)	0950	4/14/2022		=	170	27
MCW-17 (City and County)	0950	4/15/2022		=	170	29
MCW-17 (City and County)	0950	4/16/2022		=	170	32
MCW-17 (City and County)	0950	4/17/2022		=	170	34
MCW-17 (City and County)	0950	4/18/2022		=	170	36
MCW-17 (City and County)	1125	4/19/2022♦		=	460	40
MCW-17 (City and County)	1125	4/20/2022		=	460	45
MCW-17 (City and County)	1125	4/21/2022		=	460	50
MCW-17 (City and County)	1125	4/22/2022		=	460	55
MCW-17 (City and County)	1125	4/23/2022		=	460	61
MCW-17 (City and County)	1125	4/24/2022		=	460	68
MCW-17 (City and County)	1125	4/25/2022		=	460	76
MCW-17 (City and County)	1055	4/26/2022♦		=	790	85
MCW-17 (City and County)	1055	4/27/2022		=	790	97
MCW-17 (City and County)	1055	4/28/2022		=	790	112
MCW-17 (City and County)	1055	4/29/2022		=	790	130
MCW-17 (City and County)	1055	4/30/2022		=	790	151
MCW-18 (County)	-	4/1/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	4/2/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	4/3/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	4/4/2022	Rain		**Rain**	**Rain**
MCW-18 (County)	-	4/5/2022♦	Dry	<	9	9
MCW-18 (County)	-	4/6/2022	Dry	<	9	9
MCW-18 (County)	-	4/7/2022	Dry	<	9	9
MCW-18 (County)	-	4/8/2022	Dry	<	9	9
MCW-18 (County)	-	4/9/2022	Dry	<	9	9
MCW-18 (County)	-	4/10/2022	Dry	<	9	9
MCW-18 (County)	-	4/11/2022	Dry	<	9	9
MCW-18 (County)	-	4/12/2022♦	Dry	<	9	9
MCW-18 (County)	-	4/13/2022	Dry	<	9	9
MCW-18 (County)	-	4/14/2022	Dry	<	9	9
MCW-18 (County)	-	4/15/2022	Dry	<	9	9
MCW-18 (County)	-	4/16/2022	Dry	<	9	9
MCW-18 (County)	-	4/17/2022	Dry	<	9	9
MCW-18 (County)	-	4/18/2022	Dry	<	9	9
MCW-18 (County)	-	4/19/2022♦	Dry	<	9	9
MCW-18 (County)	-	4/20/2022	Dry	<	9	9
MCW-18 (County)	-	4/21/2022	Dry	<	9	9
MCW-18 (County)	-	4/22/2022	Dry	<	9	9

Location (Jurisdiction)	Time	Date	Rain	Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
					E. coli (235 MPN)	E. coli (126 MPN)
MCW-18 (County)	-	4/23/2022	Dry	<	9	9
MCW-18 (County)	-	4/24/2022	Dry	<	9	9
MCW-18 (County)	-	4/25/2022	Dry	<	9	9
MCW-18 (County)	-	4/26/2022♦	Dry	<	9	9
MCW-18 (County)	-	4/27/2022	Dry	<	9	9
MCW-18 (County)	-	4/28/2022	Dry	<	9	9
MCW-18 (County)	-	4/29/2022	Dry	<	9	9
MCW-18 (County)	-	4/30/2022	Dry	<	9	9

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

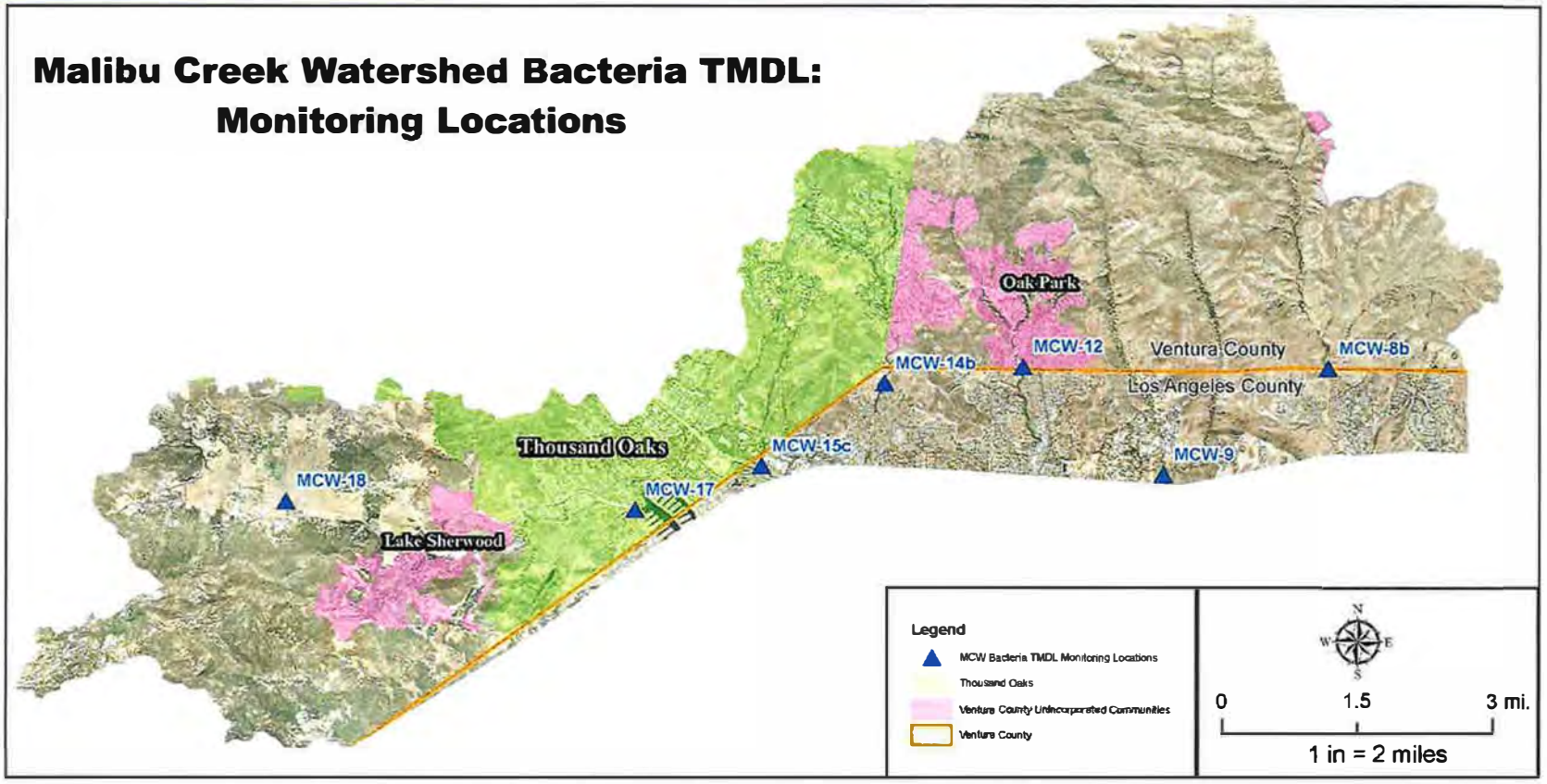
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
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1.5
3 mi.
1 in = 2 miles

PUBLIC WORKS
VENTURA COUNTY

COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services **Joan Araujo**, Director | Engineering Services **Christopher Cooper**, Director | Roads & Transportation **Christopher Kurgan**, Director | Water & Sanitation **Joseph Pope**, Director | Watershed Protection **Glenn Shephard**, Director

June 23, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of May 2022. Sites were sampled weekly (May 3,10, 17, 25, and 31). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results and Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled “Dry.” A map showing the location of the monitoring sites is included herein.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1” rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Erik Anselm

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	Time	Date	Rain		E. coli
					(235 MPN)
MCW-8b (County)	1200	5/3/2022♦		=	20
MCW-8b (County)	1210	5/10/2022♦		<	18
MCW-8b (County)	1220	5/17/2022♦		<	18
MCW-8b (County)	1235	5/25//2022♦		=	78
MCW-8b (County)	1245	5/31//2022♦		=	20
MCW-9 (County)		5/3/2022♦	Dry		DRY
MCW-9 (County)		5/10/2022♦	Dry		DRY
MCW-9 (County)		5/17/2022♦	Dry		DRY
MCW-9 (County)		5/25//2022♦	Dry		DRY
MCW-9 (County)		5/31//2022♦	Dry		DRY
MCW-12 (County)	1110	5/3/2022♦		=	490
MCW-12 (County)	1110	5/10/2022♦		=	230
MCW-12 (County)	1135	5/17/2022♦		=	270
MCW-12 (County)	1140	5/25//2022♦		=	170
MCW-12 (County)	1205	5/31//2022♦		=	330
MCW-14b (City and County)	1030	5/3/2022♦		=	130
MCW-14b (City and County)	1030	5/10/2022♦		=	490
MCW-14b (City and County)	1105	5/17/2022♦		=	5400
MCW-14b (City and County)	1110	5/25//2022♦		=	330
MCW-14b (City and County)	1130	5/31//2022♦		=	330
MCW-15c (City)*	0950	5/3/2022♦		=	78
MCW-15c (City)*	0945	5/10/2022♦		=	20
MCW-15c (City)*	1025	5/17/2022♦		=	45
MCW-15c (City)*	1025	5/25//2022♦		=	330
MCW-15c (City)*	1055	5/31//2022♦		=	45
MCW-17 (City and County)	0900	5/3/2022♦		=	490
MCW-17 (City and County)	0850	5/10/2022♦		=	490
MCW-17 (City and County)	0954	5/17/2022♦		=	20
MCW-17 (City and County)	0945	5/25//2022♦		<	18
MCW-17 (City and County)	1022	5/31//2022♦		<	18

				Single Sample (as sampled)	
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**
					(235 MPN)
MCW-18 (County)		5/3/2022♦	Dry		DRY
MCW-18 (County)		5/10/2022♦	Dry		DRY
MCW-18 (County)		5/17/2022♦	Dry		DRY
MCW-18 (County)		5/25//2022♦	Dry		DRY
MCW-18 (County)		5/31//2022♦	Dry		DRY

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
¨: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	1255	5/1/2022		<	9	11
MCW-8b (County)	1255	5/2/2022		<	9	11
MCW-8b (County)	1200	5/3/2022♦		=	20	11
MCW-8b (County)	1200	5/4/2022		=	20	11
MCW-8b (County)	1200	5/5/2022		=	20	12
MCW-8b (County)	1200	5/6/2022		=	20	12
MCW-8b (County)	1200	5/7/2022		=	20	12
MCW-8b (County)	1200	5/8/2022		=	20	13
MCW-8b (County)	1200	5/9/2022		=	20	13
MCW-8b (County)	1210	5/10/2022♦		<	9	13
MCW-8b (County)	1210	5/11/2022		<	9	13
MCW-8b (County)	1210	5/12/2022		<	9	13
MCW-8b (County)	1210	5/13/2022		<	9	13
MCW-8b (County)	1210	5/14/2022		<	9	13
MCW-8b (County)	1210	5/15/2022		<	9	13
MCW-8b (County)	1210	5/16/2022		<	9	13
MCW-8b (County)	1220	5/17/2022♦		<	9	13
MCW-8b (County)	1220	5/18/2022		<	9	13
MCW-8b (County)	1220	5/19/2022		<	9	13
MCW-8b (County)	1220	5/20/2022		<	9	12
MCW-8b (County)	1220	5/21/2022		<	9	12
MCW-8b (County)	1220	5/22/2022		<	9	12
MCW-8b (County)	1220	5/23/2022		<	9	11
MCW-8b (County)	1220	5/24/2022		<	9	11
MCW-8b (County)	1235	5/25/2022♦		=	78	12
MCW-8b (County)	1235	5/26/2022		=	78	13
MCW-8b (County)	1235	5/27/2022		=	78	13
MCW-8b (County)	1235	5/28/2022		=	78	14
MCW-8b (County)	1235	5/29/2022		=	78	16
MCW-8b (County)	1235	5/30/2022		=	78	17
MCW-8b (County)	1245	5/31/2022♦		=	20	17
MCW-9 (County)	-	5/1/2022	Dry	<	9	9
MCW-9 (County)	-	5/2/2022	Dry	<	9	9
MCW-9 (County)	-	5/3/2022♦	Dry	<	9	9
MCW-9 (County)	-	5/4/2022	Dry	<	9	9
MCW-9 (County)	-	5/5/2022	Dry	<	9	9
MCW-9 (County)	-	5/6/2022	Dry	<	9	9
MCW-9 (County)	-	5/7/2022	Dry	<	9	9
MCW-9 (County)	-	5/8/2022	Dry	<	9	9
MCW-9 (County)	-	5/9/2022	Dry	<	9	9
MCW-9 (County)	-	5/10/2022♦	Dry	<	9	9
MCW-9 (County)	-	5/11/2022	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-9 (County)	-	5/12/2022	Dry	<	9	9
MCW-9 (County)	-	5/13/2022	Dry	<	9	9
MCW-9 (County)	-	5/14/2022	Dry	<	9	9
MCW-9 (County)	-	5/15/2022	Dry	<	9	9
MCW-9 (County)	-	5/16/2022	Dry	<	9	9
MCW-9 (County)	-	5/17/2022♦	Dry	<	9	9
MCW-9 (County)	-	5/18/2022	Dry	<	9	9
MCW-9 (County)	-	5/19/2022	Dry	<	9	9
MCW-9 (County)	-	5/20/2022	Dry	<	9	9
MCW-9 (County)	-	5/21/2022	Dry	<	9	9
MCW-9 (County)	-	5/22/2022	Dry	<	9	9
MCW-9 (County)	-	5/23/2022	Dry	<	9	9
MCW-9 (County)	-	5/24/2022	Dry	<	9	9
MCW-9 (County)	-	5/25/2022♦	Dry	<	9	9
MCW-9 (County)	-	5/26/2022	Dry	<	9	9
MCW-9 (County)	-	5/27/2022	Dry	<	9	9
MCW-9 (County)	-	5/28/2022	Dry	<	9	9
MCW-9 (County)	-	5/29/2022	Dry	<	9	9
MCW-9 (County)	-	5/30/2022	Dry	<	9	9
MCW-9 (County)	-	5/31/2022♦	Dry	<	9	9
MCW-12 (County)	1225	5/1/2022		=	130	123
MCW-12 (County)	1225	5/2/2022		=	130	122
MCW-12 (County)	1110	5/3/2022♦		=	490	127
MCW-12 (County)	1110	5/4/2022		=	490	131
MCW-12 (County)	1110	5/5/2022		=	490	131
MCW-12 (County)	1110	5/6/2022		=	490	132
MCW-12 (County)	1110	5/7/2022		=	490	132
MCW-12 (County)	1110	5/8/2022		=	490	132
MCW-12 (County)	1110	5/9/2022		=	490	133
MCW-12 (County)	1110	5/10/2022♦		=	230	130
MCW-12 (County)	1110	5/11/2022		=	230	127
MCW-12 (County)	1110	5/12/2022		=	230	137
MCW-12 (County)	1110	5/13/2022		=	230	149
MCW-12 (County)	1110	5/14/2022		=	230	162
MCW-12 (County)	1110	5/15/2022		=	230	175
MCW-12 (County)	1110	5/16/2022		=	230	190
MCW-12 (County)	1135	5/17/2022♦		=	270	207
MCW-12 (County)	1135	5/18/2022		=	270	226
MCW-12 (County)	1135	5/19/2022		=	270	230
MCW-12 (County)	1135	5/20/2022		=	270	233
MCW-12 (County)	1135	5/21/2022		=	270	237

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-12 (County)	1135	5/22/2022		=	270	241
MCW-12 (County)	1135	5/23/2022		=	270	244
MCW-12 (County)	1135	5/24/2022		=	270	248
MCW-12 (County)	1140	5/25/2022♦		=	170	248
MCW-12 (County)	1140	5/26/2022		=	170	250
MCW-12 (County)	1140	5/27/2022		=	170	253
MCW-12 (County)	1140	5/28/2022		=	170	255
MCW-12 (County)	1140	5/29/2022		=	170	257
MCW-12 (County)	1140	5/30/2022		=	170	260
MCW-12 (County)	1205	5/31/2022♦		=	330	268
MCW-14b (City and County)	1150	5/1/2022		=	220	368
MCW-14b (City and County)	1150	5/2/2022		=	220	372
MCW-14b (City and County)	1030	5/3/2022♦		=	130	368
MCW-14b (City and County)	1030	5/4/2022		=	130	365
MCW-14b (City and County)	1030	5/5/2022		=	130	335
MCW-14b (City and County)	1030	5/6/2022		=	130	307
MCW-14b (City and County)	1030	5/7/2022		=	130	282
MCW-14b (City and County)	1030	5/8/2022		=	130	259
MCW-14b (City and County)	1030	5/9/2022		=	130	238
MCW-14b (City and County)	1030	5/10/2022♦		=	490	228
MCW-14b (City and County)	1030	5/11/2022		=	490	219
MCW-14b (City and County)	1030	5/12/2022		=	490	229
MCW-14b (City and County)	1030	5/13/2022		=	490	239
MCW-14b (City and County)	1030	5/14/2022		=	490	250
MCW-14b (City and County)	1030	5/15/2022		=	490	261
MCW-14b (City and County)	1030	5/16/2022		=	490	273
MCW-14b (City and County)	1105	5/17/2022♦		=	5,400	309
MCW-14b (City and County)	1105	5/18/2022		=	5,400	350
MCW-14b (City and County)	1105	5/19/2022		=	5,400	379
MCW-14b (City and County)	1105	5/20/2022		=	5,400	411
MCW-14b (City and County)	1105	5/21/2022		=	5,400	445
MCW-14b (City and County)	1105	5/22/2022		=	5,400	482
MCW-14b (City and County)	1105	5/23/2022		=	5,400	522
MCW-14b (City and County)	1105	5/24/2022		=	5,400	566
MCW-14b (City and County)	1110	5/25/2022♦		=	330	558
MCW-14b (City and County)	1110	5/26/2022		=	330	566
MCW-14b (City and County)	1110	5/27/2022		=	330	573
MCW-14b (City and County)	1110	5/28/2022		=	330	581
MCW-14b (City and County)	1110	5/29/2022		=	330	589
MCW-14b (City and County)	1110	5/30/2022		=	330	597

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-14b (City and County)	1130	5/31/2022♦		=	330	605
MCW-15c (City)*	1120	5/1/2022		=	18	29
MCW-15c (City)*	1120	5/2/2022		=	18	27
MCW-15c (City)*	0950	5/3/2022♦		=	78	27
MCW-15c (City)*	0950	5/4/2022		=	78	26
MCW-15c (City)*	0950	5/5/2022		=	78	28
MCW-15c (City)*	0950	5/6/2022		=	78	30
MCW-15c (City)*	0950	5/7/2022		=	78	33
MCW-15c (City)*	0950	5/8/2022		=	78	35
MCW-15c (City)*	0950	5/9/2022		=	78	38
MCW-15c (City)*	0945	5/10/2022♦		=	20	39
MCW-15c (City)*	0945	5/11/2022		=	20	40
MCW-15c (City)*	0945	5/12/2022		=	20	38
MCW-15c (City)*	0945	5/13/2022		=	20	36
MCW-15c (City)*	0945	5/14/2022		=	20	34
MCW-15c (City)*	0945	5/15/2022		=	20	32
MCW-15c (City)*	0945	5/16/2022		=	20	30
MCW-15c (City)*	1025	5/17/2022♦		=	45	29
MCW-15c (City)*	1025	5/18/2022		=	45	28
MCW-15c (City)*	1025	5/19/2022		=	45	29
MCW-15c (City)*	1025	5/20/2022		=	45	30
MCW-15c (City)*	1025	5/21/2022		=	45	31
MCW-15c (City)*	1025	5/22/2022		=	45	32
MCW-15c (City)*	1025	5/23/2022		=	45	32
MCW-15c (City)*	1025	5/24/2022		=	45	33
MCW-15c (City)*	1025	5/25/2022♦		=	330	37
MCW-15c (City)*	1025	5/26/2022		=	330	40
MCW-15c (City)*	1025	5/27/2022		=	330	44
MCW-15c (City)*	1025	5/28/2022		=	330	49
MCW-15c (City)*	1025	5/29/2022		=	330	54
MCW-15c (City)*	1025	5/30/2022		=	330	59
MCW-15c (City)*	1055	5/31/2022♦		=	45	61
MCW-17 (City and County)	1055	5/1/2022		=	790	176
MCW-17 (City and County)	1055	5/2/2022		=	790	204
MCW-17 (City and County)	0900	5/3/2022♦		=	490	233
MCW-17 (City and County)	0900	5/4/2022		=	490	266
MCW-17 (City and County)	0900	5/5/2022		=	490	284
MCW-17 (City and County)	0900	5/6/2022		=	490	303
MCW-17 (City and County)	0900	5/7/2022		=	490	324

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-17 (City and County)	0900	5/8/2022		=	490	346
MCW-17 (City and County)	0900	5/9/2022		=	490	370
MCW-17 (City and County)	0850	5/10/2022♦		=	490	395
MCW-17 (City and County)	0850	5/11/2022		=	490	422
MCW-17 (City and County)	0850	5/12/2022		=	490	437
MCW-17 (City and County)	0850	5/13/2022		=	490	452
MCW-17 (City and County)	0850	5/14/2022		=	490	469
MCW-17 (City and County)	0850	5/15/2022		=	490	486
MCW-17 (City and County)	0850	5/16/2022		=	490	503
MCW-17 (City and County)	0954	5/17/2022♦		=	20	468
MCW-17 (City and County)	0954	5/18/2022		=	20	436
MCW-17 (City and County)	0954	5/19/2022		=	20	393
MCW-17 (City and County)	0954	5/20/2022		=	20	354
MCW-17 (City and County)	0954	5/21/2022		=	20	319
MCW-17 (City and County)	0954	5/22/2022		=	20	287
MCW-17 (City and County)	0954	5/23/2022		=	20	259
MCW-17 (City and County)	0954	5/24/2022		=	20	233
MCW-17 (City and County)	0945	5/25/2022♦		<	9	204
MCW-17 (City and County)	0945	5/26/2022		<	9	176
MCW-17 (City and County)	0945	5/27/2022		<	9	152
MCW-17 (City and County)	0945	5/28/2022		<	9	131
MCW-17 (City and County)	0945	5/29/2022		<	9	113
MCW-17 (City and County)	0945	5/30/2022		<	9	97
MCW-17 (City and County)	1022	5/31/2022♦		<	9	83
MCW-18 (County)	-	5/1/2022	Dry	<	9	9
MCW-18 (County)	-	5/2/2022	Dry	<	9	9
MCW-18 (County)	-	5/3/2022♦	Dry	<	9	9
MCW-18 (County)	-	5/4/2022	Dry	<	9	9
MCW-18 (County)	-	5/5/2022	Dry	<	9	9
MCW-18 (County)	-	5/6/2022	Dry	<	9	9
MCW-18 (County)	-	5/7/2022	Dry	<	9	9
MCW-18 (County)	-	5/8/2022	Dry	<	9	9
MCW-18 (County)	-	5/9/2022	Dry	<	9	9
MCW-18 (County)	-	5/10/2022♦	Dry	<	9	9
MCW-18 (County)	-	5/11/2022	Dry	<	9	9
MCW-18 (County)	-	5/12/2022	Dry	<	9	9
MCW-18 (County)	-	5/13/2022	Dry	<	9	9
MCW-18 (County)	-	5/14/2022	Dry	<	9	9
MCW-18 (County)	-	5/15/2022	Dry	<	9	9
MCW-18 (County)	-	5/16/2022	Dry	<	9	9
MCW-18 (County)	-	5/17/2022♦	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-18 (County)	-	5/18/2022	Dry	<	9	9
MCW-18 (County)	-	5/19/2022	Dry	<	9	9
MCW-18 (County)	-	5/20/2022	Dry	<	9	9
MCW-18 (County)	-	5/21/2022	Dry	<	9	9
MCW-18 (County)	-	5/22/2022	Dry	<	9	9
MCW-18 (County)	-	5/23/2022	Dry	<	9	9
MCW-18 (County)	-	5/24/2022	Dry	<	9	9
MCW-18 (County)	-	5/25/2022♦	Dry	<	9	9
MCW-18 (County)	-	5/26/2022	Dry	<	9	9
MCW-18 (County)	-	5/27/2022	Dry	<	9	9
MCW-18 (County)	-	5/28/2022	Dry	<	9	9
MCW-18 (County)	-	5/29/2022	Dry	<	9	9
MCW-18 (County)	-	5/30/2022	Dry	<	9	9
MCW-18 (County)	-	5/31/2022♦	Dry	<	9	9

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

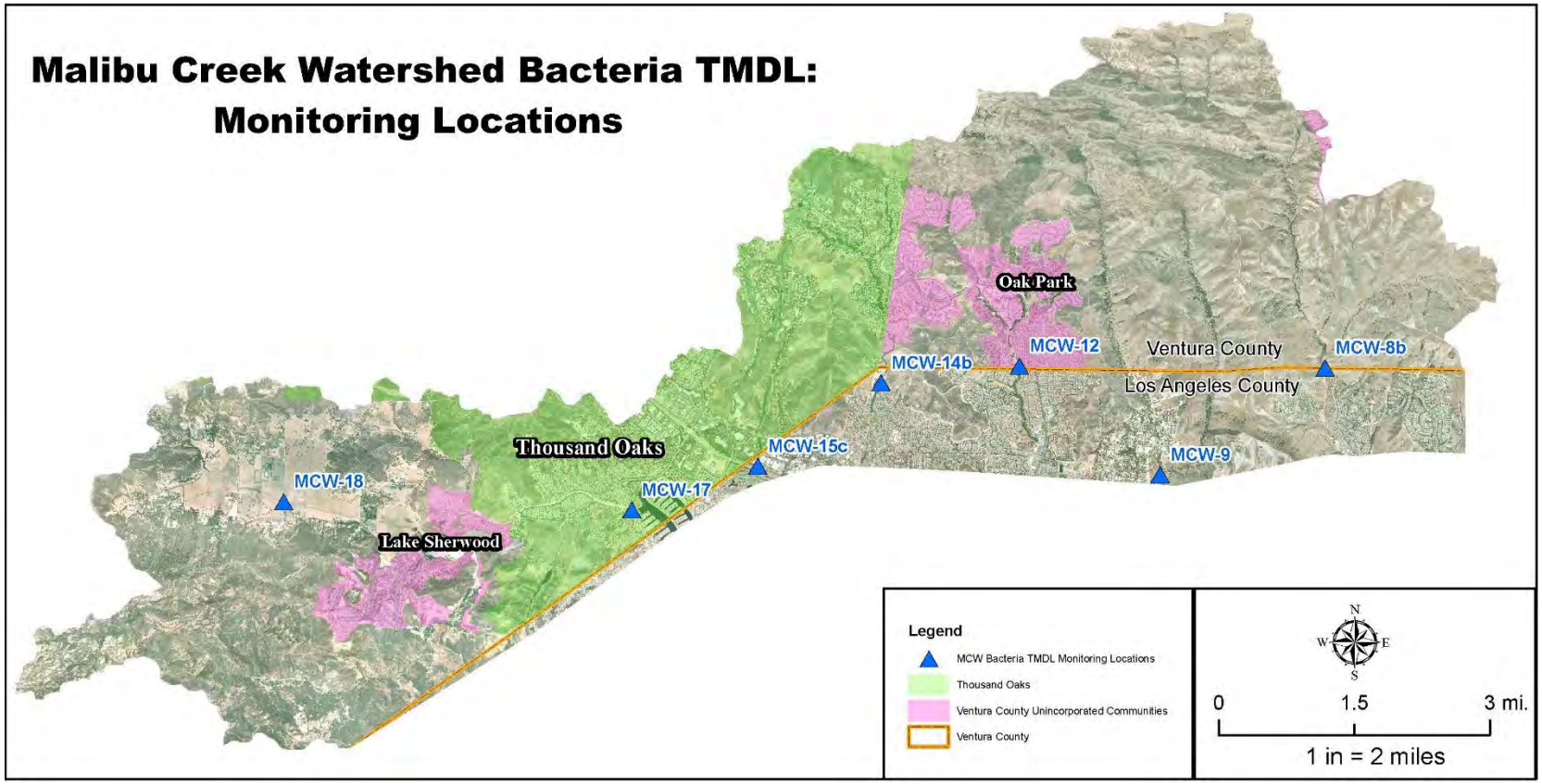
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
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3 mi.
1 in = 2 miles

PUBLIC WORKS
VENTURA COUNTY

COUNTY of VENTURA

Jeff Pratt
Agency Director

David Fleisch
Assistant Director

Central Services
Joan Araujo, Director

Engineering Services
Christopher Cooper, Director

Roads & Transportation
Christopher Kurgan, Director

Water & Sanitation
Joseph Pope, Director

Watershed Protection
Glenn Shephard, Director

July 26, 2022

VIA EMAIL

Kangshi Wang, Ph.D.
California Regional Water Quality Control Board
Los Angeles Region
Standards & TMDL Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Malibu Creek and Lagoon Bacteria TMDL Compliance Monitoring for County of Ventura, Ventura County Watershed Protection District, and City of Thousand Oaks

Dear Dr. Wang:

Please find attached the report for the results of the weekly monitoring effort required by the Malibu Creek and Lagoon Bacteria Total Maximum Daily Load (TMDL) Compliance Monitoring Plan (CMP) for the month of June 2022. Sites were sampled weekly (June 7, 14, 21, and 28). Beginning on and following July 23, 2019, Rincon Consultants Inc. has been retained to conduct compliance monitoring activities.

Table 1 presents the weekly sampling results and Table 2 presents the rolling 30-day geometric means for the sampling locations. Sample collection dates are marked with a diamond (♦) symbol. Sites without results reported were not sampled due to insufficient flow and are labeled “Dry.” A map showing the location of the monitoring sites is included herein.

Daily geometric means for dry weather are calculated using the past 30 days of the respective sampling data (Table 2). Note that geometric means are not calculated for wet weather samples (collected less than 72 hours after a day with > 0.1” rain). Non-sampling-day values are assigned the value of the most recent prior sampling event. Half the method reporting limit (MRL) was used to calculate the daily geometric means for sites with results reported as non-detect (ND) [e.g., < 18 most probable number per 100 milliliters (MPN/100 ml)]. Statistics are also calculated for dry events at all sampling locations by assigning a concentration value of half the MRL, as a zero value is undefined logarithmically, and as such would be unusable in the geometric mean calculation.

Due to regularly occurring high concentrations in analytical results, a dilution factor of 10 is applied to all samples to quantify results that exceed the standard upper reporting limit of a single dilution. As a result, the MRL for samples analyzed for this program is 18 MPN/100mL.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017.

Fecal coliform monitoring has been discontinued, as approved by the Los Angeles Regional Water Quality Control Board on October 31, 2014, in alignment with the Regional Board's removal of the fecal coliform objective for REC-1 freshwaters from the TMDL on June 7, 2012 and subsequent approval by the U.S. Environmental Protection Agency on July 2, 2014.

If you have any questions regarding this matter, please contact me at (805) 654-3942.

Sincerely,

Arne Erik Anselm

Arne Anselm
Deputy Director, Watershed Protection

CC: Glenn Shephard, Director, Watershed Protection (via email)
Ewelina Mutkowska, County of Ventura (via email)
Paul Jorgensen, City of Thousand Oaks (via email)
Joe Bellomo, Willdan Associates (via email)
Kelly Fisher, City of Agoura Hills (via email)
Allen Ma, County of Los Angeles (via email)

Table 1. Weekly sampling results

				Single Sample (as sampled)	
Location (Jurisdiction)	Time	Date	Rain		E. coli
					(235 MPN)
MCW-8b (County)	1152	6/7/2022♦		=	2,400
MCW-8b (County)	1158	6/14/2022♦		<	18
MCW-8b (County)	--	6/21/2022♦	Dry		DRY
MCW-8b (County)	--	6/28/2022♦	Dry		DRY
MCW-9 (County)	--	6/7/2022♦	Dry		DRY
MCW-9 (County)	--	6/14/2022♦	Dry		DRY
MCW-9 (County)	--	6/21/2022♦	Dry		DRY
MCW-9 (County)	--	6/28/2022♦	Dry		DRY
MCW-12 (County)	1112	6/7/2022♦		=	45
MCW-12 (County)	1121	6/14/2022♦		=	1,300
MCW-12 (County)	--	6/21/2022♦	Dry		DRY
MCW-12 (County)	--	6/28/2022♦	Dry		DRY
MCW-14b (City and County)	1039	6/7/2022♦		=	170
MCW-14b (City and County)	1036	6/14/2022♦		=	310
MCW-14b (City and County)	1026	6/21/2022♦		=	78
MCW-14b (City and County)	1048	6/28/2022♦		=	230
MCW-15c (City)*	1005	6/7/2022♦		=	20
MCW-15c (City)*	1000	6/14/2022♦		=	45
MCW-15c (City)*	949	6/21/2022♦		=	20
MCW-15c (City)*	1017	6/28/2022♦		=	78
MCW-17 (City and County)	932	6/7/2022♦		<	18
MCW-17 (City and County)	--	6/14/2022♦	Dry		DRY
MCW-17 (City and County)	--	6/21/2022♦	Dry		DRY
MCW-17 (City and County)	--	6/28/2022♦	Dry		DRY
MCW-18 (County)	--	6/7/2022♦	Dry		DRY
MCW-18 (County)	--	6/14/2022♦	Dry		DRY

				Single Sample (as sampled)	
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**
					(235 MPN)
MCW-18 (County)	--	6/21/2022♦	Dry		DRY
MCW-18 (County)	--	6/28/2022♦	Dry		DRY

Notes:
*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010.
♦: Date of sampling
-: Time is not applicable, as no sample was collected due to insufficient flow
Dry: Samples were not collected due to insufficient flow
Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017
A dilution factor of 10 is applied to all samples analyzed for this program, resulting in a MRL of 18 MPN/100 ml

Table 2. Computation of daily geometric mean

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-8b (County)	1245	6/1/2022		=	20	18
MCW-8b (County)	1245	6/2/2022		=	20	18
MCW-8b (County)	1245	6/3/2022		=	20	18
MCW-8b (County)	1245	6/4/2022		=	20	18
MCW-8b (County)	1245	6/5/2022		=	20	18
MCW-8b (County)	1245	6/6/2022		=	20	18
MCW-8b (County)	1152	6/7/2022♦		=	2,400	21
MCW-8b (County)	1152	6/8/2022		=	2,400	24
MCW-8b (County)	1152	6/9/2022		=	2,400	29
MCW-8b (County)	1152	6/10/2022		=	2,400	35
MCW-8b (County)	1152	6/11/2022		=	2,400	42
MCW-8b (County)	1152	6/12/2022		=	2,400	51
MCW-8b (County)	1152	6/13/2022		=	2,400	61
MCW-8b (County)	1158	6/14/2022♦		<	9	61
MCW-8b (County)	1158	6/15/2022		<	9	61
MCW-8b (County)	1158	6/16/2022		<	9	61
MCW-8b (County)	1158	6/17/2022		<	9	61
MCW-8b (County)	1158	6/18/2022		<	9	61
MCW-8b (County)	1158	6/19/2022		<	9	61
MCW-8b (County)	1158	6/20/2022		<	9	61
MCW-8b (County)	-	6/21/2022♦	Dry	<	9	61
MCW-8b (County)	-	6/22/2022	Dry	<	9	61
MCW-8b (County)	-	6/23/2022	Dry	<	9	61
MCW-8b (County)	-	6/24/2022	Dry	<	9	57
MCW-8b (County)	-	6/25/2022	Dry	<	9	53
MCW-8b (County)	-	6/26/2022	Dry	<	9	50
MCW-8b (County)	-	6/27/2022	Dry	<	9	46
MCW-8b (County)	-	6/28/2022♦	Dry	<	9	43
MCW-8b (County)	-	6/29/2022	Dry	<	9	40
MCW-8b (County)	-	6/30/2022	Dry	<	9	39
MCW-9 (County)	-	6/1/2022	Dry	<	9	9
MCW-9 (County)	-	6/2/2022	Dry	<	9	9
MCW-9 (County)	-	6/3/2022	Dry	<	9	9
MCW-9 (County)	-	6/4/2022	Dry	<	9	9
MCW-9 (County)	-	6/5/2022	Dry	<	9	9
MCW-9 (County)	-	6/6/2022	Dry	<	9	9
MCW-9 (County)	-	6/7/2022♦	Dry	<	9	9
MCW-9 (County)	-	6/8/2022	Dry	<	9	9
MCW-9 (County)	-	6/9/2022	Dry	<	9	9
MCW-9 (County)	-	6/10/2022	Dry	<	9	9
MCW-9 (County)	-	6/11/2022	Dry	<	9	9
MCW-9 (County)	-	6/12/2022	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-9 (County)	-	6/13/2022	Dry	<	9	9
MCW-9 (County)	-	6/14/2022♦	Dry	<	9	9
MCW-9 (County)	-	6/15/2022	Dry	<	9	9
MCW-9 (County)	-	6/16/2022	Dry	<	9	9
MCW-9 (County)	-	6/17/2022	Dry	<	9	9
MCW-9 (County)	-	6/18/2022	Dry	<	9	9
MCW-9 (County)	-	6/19/2022	Dry	<	9	9
MCW-9 (County)	-	6/20/2022	Dry	<	9	9
MCW-9 (County)	-	6/21/2022♦	Dry	<	9	9
MCW-9 (County)	-	6/22/2022	Dry	<	9	9
MCW-9 (County)	-	6/23/2022	Dry	<	9	9
MCW-9 (County)	-	6/24/2022	Dry	<	9	9
MCW-9 (County)	-	6/25/2022	Dry	<	9	9
MCW-9 (County)	-	6/26/2022	Dry	<	9	9
MCW-9 (County)	-	6/27/2022	Dry	<	9	9
MCW-9 (County)	-	6/28/2022♦	Dry	<	9	9
MCW-9 (County)	-	6/29/2022	Dry	<	9	9
MCW-9 (County)	-	6/30/2022	Dry	<	9	9
MCW-12 (County)	1205	6/1/2022		=	330	276
MCW-12 (County)	1205	6/2/2022		=	330	273
MCW-12 (County)	1205	6/3/2022		=	330	269
MCW-12 (County)	1205	6/4/2022		=	330	265
MCW-12 (County)	1205	6/5/2022		=	330	262
MCW-12 (County)	1205	6/6/2022		=	330	259
MCW-12 (County)	1112	6/7/2022♦		=	45	239
MCW-12 (County)	1112	6/8/2022		=	45	220
MCW-12 (County)	1112	6/9/2022		=	45	209
MCW-12 (County)	1112	6/10/2022		=	45	198
MCW-12 (County)	1112	6/11/2022		=	45	187
MCW-12 (County)	1112	6/12/2022		=	45	177
MCW-12 (County)	1112	6/13/2022		=	45	168
MCW-12 (County)	1121	6/14/2022♦		=	1,300	178
MCW-12 (County)	1121	6/15/2022		=	1,300	189
MCW-12 (County)	1121	6/16/2022		=	1,300	199
MCW-12 (County)	1121	6/17/2022		=	1,300	209
MCW-12 (County)	1121	6/18/2022		=	1,300	221
MCW-12 (County)	1121	6/19/2022		=	1,300	233
MCW-12 (County)	1121	6/20/2022		=	1,300	245
MCW-12 (County)	-	6/21/2022♦	Dry	<	9	219
MCW-12 (County)	-	6/22/2022	Dry	<	9	195
MCW-12 (County)	-	6/23/2022	Dry	<	9	174

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-12 (County)	-	6/24/2022	Dry	<	9	158
MCW-12 (County)	-	6/25/2022	Dry	<	9	143
MCW-12 (County)	-	6/26/2022	Dry	<	9	130
MCW-12 (County)	-	6/27/2022	Dry	<	9	118
MCW-12 (County)	-	6/28/2022♦	Dry	<	9	107
MCW-12 (County)	-	6/29/2022	Dry	<	9	97
MCW-12 (County)	-	6/30/2022	Dry	<	9	86
MCW-14b (City and County)	1130	6/1/2022		=	330	614
MCW-14b (City and County)	1130	6/2/2022		=	330	633
MCW-14b (City and County)	1130	6/3/2022		=	330	653
MCW-14b (City and County)	1130	6/4/2022		=	330	673
MCW-14b (City and County)	1130	6/5/2022		=	330	695
MCW-14b (City and County)	1130	6/6/2022		=	330	717
MCW-14b (City and County)	1039	6/7/2022♦		=	170	723
MCW-14b (City and County)	1039	6/8/2022		=	170	730
MCW-14b (City and County)	1039	6/9/2022		=	170	704
MCW-14b (City and County)	1039	6/10/2022		=	170	680
MCW-14b (City and County)	1039	6/11/2022		=	170	656
MCW-14b (City and County)	1039	6/12/2022		=	170	634
MCW-14b (City and County)	1039	6/13/2022		=	170	612
MCW-14b (City and County)	1036	6/14/2022♦		=	310	602
MCW-14b (City and County)	1036	6/15/2022		=	310	593
MCW-14b (City and County)	1036	6/16/2022		=	310	539
MCW-14b (City and County)	1036	6/17/2022		=	310	490
MCW-14b (City and County)	1036	6/18/2022		=	310	446
MCW-14b (City and County)	1036	6/19/2022		=	310	405
MCW-14b (City and County)	1036	6/20/2022		=	310	368
MCW-14b (City and County)	1026	6/21/2022♦		=	78	320
MCW-14b (City and County)	1026	6/22/2022		=	78	278
MCW-14b (City and County)	1026	6/23/2022		=	78	241
MCW-14b (City and County)	1026	6/24/2022		=	78	230
MCW-14b (City and County)	1026	6/25/2022		=	78	219
MCW-14b (City and County)	1026	6/26/2022		=	78	209
MCW-14b (City and County)	1026	6/27/2022		=	78	199
MCW-14b (City and County)	1048	6/28/2022♦		=	230	197
MCW-14b (City and County)	1048	6/29/2022		=	230	194
MCW-14b (City and County)	1048	6/30/2022		=	230	192
MCW-15c (City)*	1055	6/1/2022		=	45	63
MCW-15c (City)*	1055	6/2/2022		=	45	62

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-15c (City)*	1055	6/3/2022		=	45	61
MCW-15c (City)*	1055	6/4/2022		=	45	60
MCW-15c (City)*	1055	6/5/2022		=	45	59
MCW-15c (City)*	1055	6/6/2022		=	45	58
MCW-15c (City)*	1005	6/7/2022♦		=	20	55
MCW-15c (City)*	1005	6/8/2022		=	20	53
MCW-15c (City)*	1005	6/9/2022		=	20	53
MCW-15c (City)*	1005	6/10/2022		=	20	53
MCW-15c (City)*	1005	6/11/2022		=	20	53
MCW-15c (City)*	1005	6/12/2022		=	20	53
MCW-15c (City)*	1005	6/13/2022		=	20	53
MCW-15c (City)*	1000	6/14/2022♦		=	45	54
MCW-15c (City)*	1000	6/15/2022		=	45	55
MCW-15c (City)*	1000	6/16/2022		=	45	55
MCW-15c (City)*	1000	6/17/2022		=	45	55
MCW-15c (City)*	1000	6/18/2022		=	45	55
MCW-15c (City)*	1000	6/19/2022		=	45	55
MCW-15c (City)*	1000	6/20/2022		=	45	55
MCW-15c (City)*	949	6/21/2022♦		=	20	54
MCW-15c (City)*	949	6/22/2022		=	20	53
MCW-15c (City)*	949	6/23/2022		=	20	51
MCW-15c (City)*	949	6/24/2022		=	20	47
MCW-15c (City)*	949	6/25/2022		=	20	42
MCW-15c (City)*	949	6/26/2022		=	20	39
MCW-15c (City)*	949	6/27/2022		=	20	35
MCW-15c (City)*	1017	6/28/2022♦		=	78	34
MCW-15c (City)*	1017	6/29/2022		=	78	32
MCW-15c (City)*	1017	6/30/2022		=	78	33
MCW-17 (City and County)	1022	6/1/2022		<	9	72
MCW-17 (City and County)	1022	6/2/2022		<	9	63
MCW-17 (City and County)	1022	6/3/2022		<	9	55
MCW-17 (City and County)	1022	6/4/2022		<	9	48
MCW-17 (City and County)	1022	6/5/2022		<	9	42
MCW-17 (City and County)	1022	6/6/2022		<	9	37
MCW-17 (City and County)	932	6/7/2022♦		<	9	32
MCW-17 (City and County)	932	6/8/2022		<	9	28
MCW-17 (City and County)	932	6/9/2022		<	9	25
MCW-17 (City and County)	932	6/10/2022		<	9	22
MCW-17 (City and County)	932	6/11/2022		<	9	19
MCW-17 (City and County)	932	6/12/2022		<	9	17

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	Time	Date	Rain		E. coli	E. coli
					(235 MPN)	(126 MPN)
MCW-17 (City and County)	932	6/13/2022		<	9	15
MCW-17 (City and County)	-	6/14/2022♦	Dry	<	9	13
MCW-17 (City and County)	-	6/15/2022	Dry	<	9	11
MCW-17 (City and County)	-	6/16/2022	Dry	<	9	11
MCW-17 (City and County)	-	6/17/2022	Dry	<	9	11
MCW-17 (City and County)	-	6/18/2022	Dry	<	9	10
MCW-17 (City and County)	-	6/19/2022	Dry	<	9	10
MCW-17 (City and County)	-	6/20/2022	Dry	<	9	10
MCW-17 (City and County)	-	6/21/2022♦	Dry	<	9	9
MCW-17 (City and County)	-	6/22/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/23/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/24/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/25/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/26/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/27/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/28/2022♦	Dry	<	9	9
MCW-17 (City and County)	-	6/29/2022	Dry	<	9	9
MCW-17 (City and County)	-	6/30/2022	Dry	<	9	9
MCW-18 (County)	-	6/1/2022	Dry	<	9	9
MCW-18 (County)	-	6/2/2022	Dry	<	9	9
MCW-18 (County)	-	6/3/2022	Dry	<	9	9
MCW-18 (County)	-	6/4/2022	Dry	<	9	9
MCW-18 (County)	-	6/5/2022	Dry	<	9	9
MCW-18 (County)	-	6/6/2022	Dry	<	9	9
MCW-18 (County)	-	6/7/2022♦	Dry	<	9	9
MCW-18 (County)	-	6/8/2022	Dry	<	9	9
MCW-18 (County)	-	6/9/2022	Dry	<	9	9
MCW-18 (County)	-	6/10/2022	Dry	<	9	9
MCW-18 (County)	-	6/11/2022	Dry	<	9	9
MCW-18 (County)	-	6/12/2022	Dry	<	9	9
MCW-18 (County)	-	6/13/2022	Dry	<	9	9
MCW-18 (County)	-	6/14/2022♦	Dry	<	9	9
MCW-18 (County)	-	6/15/2022	Dry	<	9	9
MCW-18 (County)	-	6/16/2022	Dry	<	9	9
MCW-18 (County)	-	6/17/2022	Dry	<	9	9
MCW-18 (County)	-	6/18/2022	Dry	<	9	9
MCW-18 (County)	-	6/19/2022	Dry	<	9	9
MCW-18 (County)	-	6/20/2022	Dry	<	9	9
MCW-18 (County)	-	6/21/2022♦	Dry	<	9	9
MCW-18 (County)	-	6/22/2022	Dry	<	9	9
MCW-18 (County)	-	6/23/2022	Dry	<	9	9
MCW-18 (County)	-	6/24/2022	Dry	<	9	9

				Single Sample (adjusted for rain, dry and NDs)		Geometric Mean
Location (Jurisdiction)	**Time**	**Date**	**Rain**		**E. coli**	**E. coli**
					(235 MPN)	**(126 MPN)**
MCW-18 (County)	-	6/25/2022	Dry	<	9	9
MCW-18 (County)	-	6/26/2022	Dry	<	9	9
MCW-18 (County)	-	6/27/2022	Dry	<	9	9
MCW-18 (County)	-	6/28/2022♦	Dry	<	9	9
MCW-18 (County)	-	6/29/2022	Dry	<	9	9
MCW-18 (County)	-	6/30/2022	Dry	<	9	9

Notes:

♦: Date of sampling

A dilution factor of 10 is applied to all samples analyzed for this program, resulting in an MRL of 18 MPN/100 ml

Results of <18 MPN/100 ml are adjusted to use half the MRL (=9) in the calculation of the geometric mean. As such, Table 2 presents a value of 9 MPN/100mL to distinguish the value used for calculation of the 30-day geometric mean

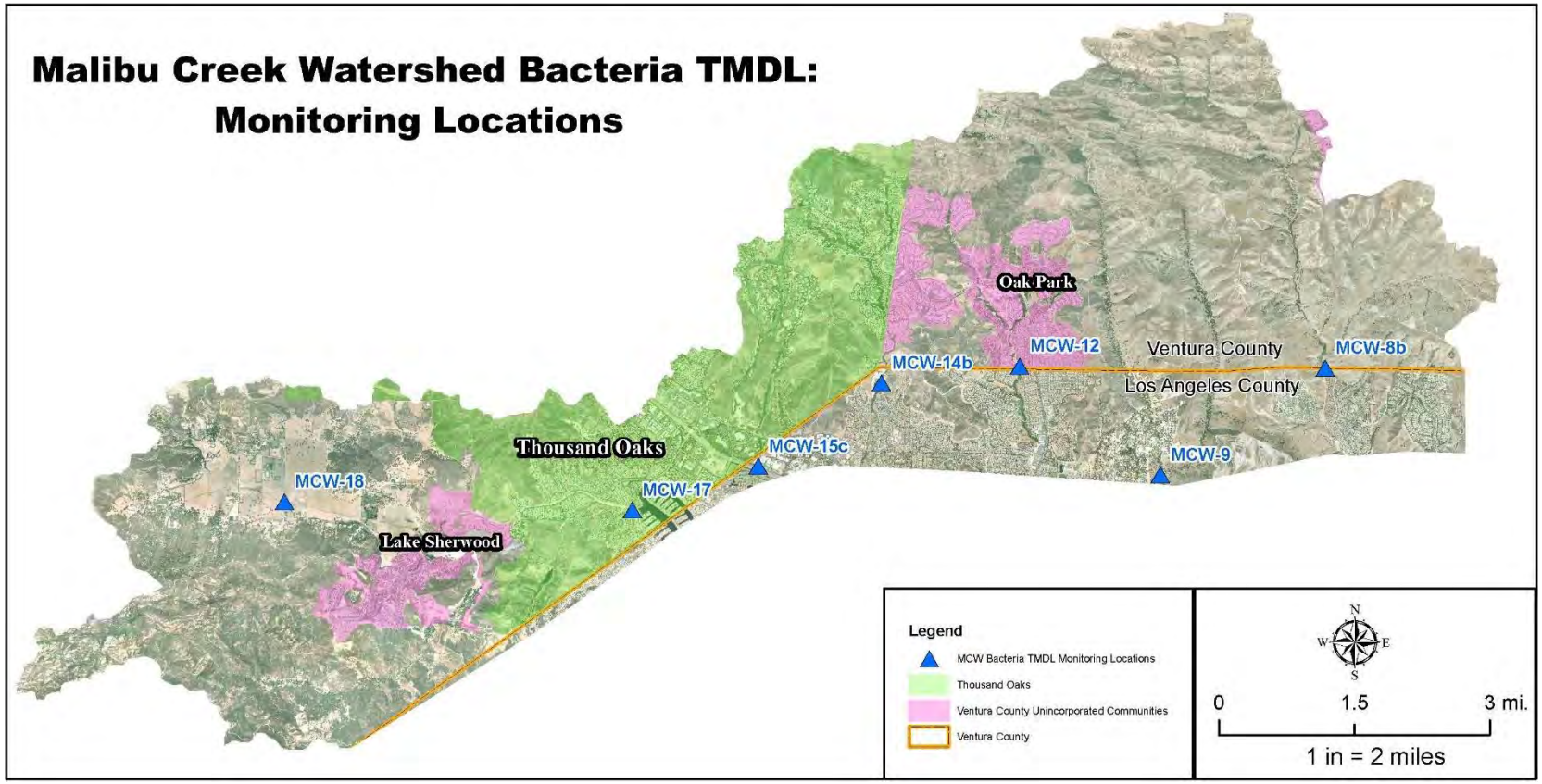
Dry: Samples were not collected due to insufficient flow and a value of 9 MPN/100 ml (half the MRL) was used for calculation of the 30-day geometric mean

-: Time is not applicable, as no sample was collected due to insufficient flow

Weeks with wet weather samples (collected less than 72 hours after a day with >0.1" rain) use the previous non-rain single sample value to calculate the geometric mean.

Coliform tables from SM9221 in standard methods 22nd and 23rd have been adopted thus changing the reporting limit from 2.0 MPN/100 ml to 1.8 MPN/100 ml as of November 7, 2017

*: The RWQCB granted permission to replace site MCW-15b with site Special-05 (renamed MCW-15c) on August 11th, 2010


Malibu Creek Watershed Bacteria TMDL:
Monitoring Locations
Oak Park
MCW-12
Ventura County
MCW-8b
MCW-14b
Los Angeles County
Thousand Oaks
MCW-15c
MCW-9
MCW-18
MCW-17
Lake Sherwood
Legend
MCW Bacteria TMDL Monitoring Locations
Thousand Oaks
Ventura County Unincorporated Communities
Ventura County
N
W
E
S
0
1.5
3 mi.
1 in = 2 miles

CALLEGUAS CREEK

Watershed Management Plan

A COOPERATIVE STRATEGY FOR
RESOURCE MANAGEMENT & PROTECTION

December 15, 2021

Dr. LB Nye, Chief of Regional Programs
Los Angeles Regional Water Quality Control Board
320 W. 4th St., Suite 200
Los Angeles, CA 90013

Subject: Revolon Slough and Beardsley Wash Trash TMDL 2020-2021 Annual Monitoring Report

Dear Dr. Nye,

Enclosed for your review and consideration is the Revolon Slough and Beardsley Wash (RSBW) Trash Total Maximum Daily Load (TMDL) Annual Monitoring Report (AMR) for October 2020 through September 2021. The AMR is being submitted per the requirements of the Revolon Slough and Beardsley Wash Trash TMDL, Los Angeles Regional Water Quality Control Board (Regional Board) Resolution No. R4-2007-007 and Conditional Waiver of Waste Discharge Requirements for Discharges of Trash from Nonpoint Sources in Waterbodies Subject to TMDLs for Trash or Debris (Trash Conditional Waiver) adopted by Los Angeles Regional Water Quality Control Board on September 10, 2020. The report was prepared and submitted on behalf of the following responsible parties: City of Camarillo, City of Oxnard, County of Ventura, Ventura County Watershed Protection District, California Department of Transportation (Caltrans), and participants in the Ventura County Agricultural Irrigated Lands Group (VCAILG), which is a subdivision of the Farm Bureau of Ventura County.

The AMR provides a summary of the conducted monitoring activities, a summary of the monitoring results, description of best management practices (BMPs) completed by the responsible parties, and any proposed revisions to the minimum frequency of collection and assessment/best management practice program (MFAC/BMP Program). The TMDL responsible parties continue monthly special cleanups within the TMDL area started in October 2012 in addition to monthly MFAC/BMP assessment and monitoring events. Also, visual monitoring is continued in

accordance with the Regional Board-approved Addendum No. 1 to the Trash Monitoring and Reporting Program (TMRP). Further, monitoring at Site 10 was discontinued after approval of TMRP Addendum No. 2 in June 2021.

If you have any comments or questions regarding the attached document, please contact Ewelina Mutkowska via email (Ewelina.Mutkowska@ventura.org) or by phone at (805) 645-1382.

Sincerely,

Lucia McGovern, Chair
Stakeholders Implementing TMDLs in the Calleguas Creek Watershed

cc: Jun Zhu, Los Angeles Regional Water Quality Control Board
Alexander Prescott, Los Angeles Regional Water Quality Control Board
Jeff Pratt, Ventura County Public Works Agency (VCPWA)
Glenn Shephard, VCPWA – Watershed Protection
Arne Anselm, VCPWA – Watershed Protection
Ewelina Mutkowska, VCPWA – Watershed Protection
Ken Matsuoka, City of Camarillo
Jessica Ouellette, City of Camarillo
Jan Hauser, City of Oxnard
Badaoui Mouderres, City of Oxnard
Heather D'Anna, City of Oxnard
John Krist, Farm Bureau of Ventura County
Jodi Switzer, Farm Bureau of Ventura County
Shirley Pak, California Department of Transportation
Sunny Liem, California Department of Transportation
Joshi Bhaskar, California Department of Transportation
Joshua Gualco, California Department of Transportation
Hamzeh Ramadan, California Department of Transportation
Dan Hulst, Ventura Land Trust

DECEMBER 15, 2021

Revolon Slough/Beardsley Wash Trash TMDL

2021 Annual Monitoring Report

submitted to

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

on behalf of the

COUNTY OF VENTURA, VENTURA COUNTY WATERSHED PROTECTION DISTRICT, CITY OF CAMARILLO, CITY OF OXNARD, PARTICIPANTS IN THE VENTURA COUNTY AGRICULTURAL IRRIGATED LANDS GROUP, AND CALIFORNIA DEPARTMENT OF TRANSPORTATION

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Introduction

This Annual Report is being submitted to fulfill the compliance requirements of the Amendments to the Water Quality Control Plan – Los Angeles Region for the Revolon Slough and Beardsley Wash Trash TMDL (Trash TMDL), Resolution No. R4-2007-007 (effective March 6, 2008). The purpose of this Annual Report is to present the results of the twelfth year (October 2020 – September 2021) of monitoring efforts conducted in accordance with the Revolon Slough/Beardsley Wash (RSBW) Trash Monitoring and Reporting Plan (TMRP) - Addendum No. 1 and associated Minimum Frequency of Assessment and Collection/Best Management Practice (MFAC/BMP) Program developed to meet requirements of the Trash TMDL.

The Annual Report includes:

- Monitoring Summary;
- MFAC Events/BMP Implementation Summary; and
- Program Evaluation and Revision Recommendations.

This effort is being completed on behalf of the Responsible Parties to the Trash TMDL as listed in **Table 1**.

Table 1. Responsible Parties Participating in this TMRP and MFAC/BMP Program

Responsible Party	Non-point Source	Point Source
City of Camarillo	X	X[1]
City of Oxnard	X	X[6]
County of Ventura	X	X[2]
Ventura County Watershed Protection District (VCWPD)	X[7]	X[7]
Participants in the VCAILG[3, 4]	X	
California Department of Transportation (Caltrans)[5]		X[2]

1. The City of Camarillo is complying with the point source requirements since 2016 via an MFAC/BMP program until installation of certified full capture devices is completed on all conveyances draining priority land uses that discharge to Revolon Slough and Beardsley Wash, in accordance with the revised Trash TMDL.
2. These Responsible Parties are complying with the point source requirements through installation of certified trash full capture devices on all conveyances discharging to Revolon Slough and Beardsley Wash.
3. Ventura County Agricultural Irrigated Lands Group.
4. Not listed as point sources in the Trash TMDL.
5. Caltrans was not given a non-point source Load Allocation (LA) in the TMDL yet is voluntarily participating in the MFAC to meet the TMDL goals.
6. City of Oxnard intends to comply with the point source requirements of the existing TMDL through a MFAC/BMP Program as proposed in this report, but intends to attain point source compliance with the revised Revolon Slough/Beardsley Wash Trash TMDL through installation of certified trash full capture devices in priority land use areas.
7. Ventura County Watershed Protection District has no land use authority.

To complete this effort, in 2018 the Responsible Parties hired the California Conservation Corps (CCC) to conduct field monitoring efforts and Ventura Land Trust (VLT) to oversee and conduct monitoring efforts an complete reporting requirements. VLT staff were trained by Larry Walker Associates (LWA) and will be implementing the MFAC/BMP Program hereafter, in addition to managing all reporting requirements. The field work continues to be conducted by California Conservation Corps (CCC).

The monitoring efforts, monthly special cleanup events and monthly MFAC/BMP assessment events, between October 2020 and September 2021 were conducted according to TMRP Addendum No. 1, which was submitted to the Los Angeles Regional Water Quality Control Board (Regional Board) in June 2015. TMRP Addendum No. 1 revised the non-point source MFAC Program from a quantitative to a visual assessment-based program. A TMRP update (TMRP Addendum No.1) was necessary to improve the effectiveness of the MFAC Program to more efficiently assess trash levels in RSBW, target actions towards reducing trash quantities, and better utilize available resources. The TMRP update was also based on a comprehensive review of the monitoring data collected under the original TMRP and removed sites where trash was consistently observed at levels that were meeting the Basin Plan objective. [1]The revised MFAC Program was initiated in July 2015 and this Annual Report provides the results from October 2020 to September 2021.

In 2015, the State Water Resources Control Board established statewide Trash Amendments to the Water Quality Control Plans for the Ocean Waters of California and the Inland Surface Waters, Enclosed Bays, and Estuaries of California (Trash Amendments). The Trash Amendments specified that MS4 permittees may install full capture devices in *all storm drains that capture runoff from the priority land uses* in their jurisdictions. In April 2018, the Regional Board opened the Trash TMDL for reconsideration. Before the TMDL was revised, MS4 permittees (point sources) that chose to comply with the Trash TMDL WLAs via installation of full capture devices were required to install them in *all conveyances discharging to Revolon Slough and Beardsley Wash.* The Trash TMDL was ultimately revised to align with the Trash Amendments and was adopted in June 2018 (Revised Trash TMDL). The Revised Trash TMDL became effective on May 6, 2020.

The Revised Trash TMDL required an updated of TMRP (TMRP Addendum no. 2) to be developed to align with the TMDL revisions three months after the effective date (August 6, 2020). TMRP revisions were required to address modified initial MFAC sites and monitoring event frequencies in the Revised Trash TMDL. The Responsible Parties submitted TMRP Addendum no. 2 to the Regional Board on August 6, 2020. On June 4th, 2021 the Regional Board approved Addendum no. 2 discontinuing monitoring activities at Site 10.

Lastly, on September 10, 2020, Regional Board adopted Conditional Waiver of Waste Discharge Requirements for Discharges of Trash from Nonpoint Sources in Waterbodies Subject to Total Maximum Daily Loads for Trash or Debris (Trash Conditional Waiver). The Conditional Waiver is not in effect yet pending approval from US Environmental Protection Agency following approval by the Office of Administrative Law on October 25, 2021. However, as this Conditional Waiver requires submittal of annual TMRP reports by December 15, to meet reporting requirements of both Trash TMDL and Conditional Waiver, this Annual Report is submitted on December 15, 2021.

[1] "Waters shall not contain floating materials, including solids, liquids, foams, and scum, in concentrations that cause nuisance or adversely affect beneficial uses."

Monitoring Summary

ASSESSMENTS AND COLLECTION EVENTS

The goal of the MFAC/BMP program is to address non-point sources of trash in the RSBW subwatershed. The MFAC/BMP program includes implementing BMPs as outlined in the TMRP and conducting monitoring to assess the effectiveness of BMP implementation.

The revised MFAC/BMP Program includes the following elements:

1. **Conduct monthly assessments and trash collection events (MFAC)**

   MFAC events are conducted monthly at the monitoring sites. The collection aspect of the MFAC utilizes information from the assessments (visual surveys) to determine the locations where trash collection efforts should be focused for the event.

2. **Conduct monthly Special cleanups (BMP for all Responsible Parties)**

   The Responsible Parties implement monthly cleanups to reduce the amount of trash entering RSBW.

3. **Employ additional BMPs (Agency-specific)**

Information gathered during the MFAC events are used to inform the Responsible Parties as to the level and frequency of BMP implementation, including special trash cleanups, needed to achieve a Category 1 level of trash corresponding to "optimal" or low levels of trash, as detailed in **Assessment Findings**.

Five visual assessment sites were included in TMRP Addendum No. 1, with four of the sites comprised of assessment sites from the previous MFAC Program (Sites 1, 3a, 5 and 8) and one site comprised of an additional assessment location in the City of Oxnard (Site 10) that was not included in the original TMRP. With the June 4th, 2021 implementation of Addendum No. 2, Site 10 was discontinued from all monitoring and cleanup activities. The assessment sites listed below are also depicted in **Figure 1** and detailed in **Appendix 1**.

Assessment Sites:

- Site 1: Revolon Slough and its adjacent land areas at Wood Road (the end of the concrete-lined channel)
- Site 3a: Drain outlet on the north side of Camarillo Hills Drain between Las Posas Road and Springville Drive
- Site 5: Agriculture Drain – East of Wood Road on Etting Road;
- Site 8: Caltrans Site at the 101 Freeway Bridge over Revolon Slough; and
- Site 10: 5th Street Drain in the City of Oxnard (discontinued in June 2021 per approved TMRP Addendum No.2).

A summary of the monthly special cleanup and monthly MFAC visual assessment event dates is presented in **Table 2**. **Appendix 3** contains MFAC Event Visual Assessment forms used during the 2020-2021 reporting year.

Table 2. Special Cleanup and Visual Assessment Dates for October 2020-September 2021

Site	Event Type	Month											
		Oct	Nov	Dec[1]	Jan	Feb	Mar	Apr	May	Jun[2]	Jul	Aug	Sep
1	Special Cleanup	10/13/20	11/17/20	12/09/20	1/13/21	2/02/21	3/16/21	4/14/21	5/11/21	6/16/21	7/06/21	8/10/21	9/13/21
	MFAC Visual Assessment	10/20/20	11/24/20	N/A[1]	1/20/21	2/09/21	3/23/21	4/20/21	5/25/21	6/22/21	7/13/21	8/17/21	9/20/21
3a	Special Cleanup	10/13/20	11/17/20	12/09/20	1/13/21	2/02/21	3/16/21	4/14/21	5/11/21	6/16/21	7/06/21	8/10/21	9/13/21
	MFAC Visual Assessment	10/20/20	11/24/20	N/A[1]	1/20/21	2/09/21	3/23/21	4/20/21	5/25/21	6/22/21	7/13/21	8/17/21	9/20/21
5	Special Cleanup	10/13/20	11/17/20	12/09/20	1/13/21	2/02/21	3/16/21	4/14/21	5/11/21	6/16/21	7/06/21	8/10/21	9/13/21
	MFAC Visual Assessment	10/20/20	11/24/20	N/A[1]	1/20/21	2/09/21	3/23/21	4/20/21	5/25/21	6/22/21	7/13/21	8/17/21	9/20/21
8	Special Cleanup	10/13/20	11/17/20	12/09/20	1/13/21	2/02/21	3/16/21	4/14/21	5/11/21	6/16/21	7/06/21	8/10/21	9/13/21
	MFAC Visual Assessment	10/20/20	11/24/20	N/A[1]	1/20/21	2/09/21	3/23/21	4/20/21	5/25/21	6/22/21	7/13/21	8/17/21	9/20/21
10	Special Cleanup	10/13/20	11/17/20	12/09/20	1/13/21	2/02/21	3/16/21	4/14/21	5/11/21	N/A[2]	N/A[2]	N/A[2]	N/A[2]
	MFAC Visual Assessment	10/20/20	11/24/20	N/A[1]	1/20/21	2/09/21	3/23/21	4/20/21	5/25/21	N/A[2]	N/A[2]	N/A[2]	N/A[2]

1. Visual Assessment not conducted in December 2020 due to COVID 19 illnesses of the field crew per notifications to LA-RWQCB emailed on December 14th, 2020.
2. On June 4th, 2021 the Los Angeles Regional Water Quality Control Board approved Addendum no. 2, resulting in a revised monitoring schedule of visiting and cleaning all sites twice per month. Additionally, Addendum no. 2 discontinued monitoring activities at Site 10.

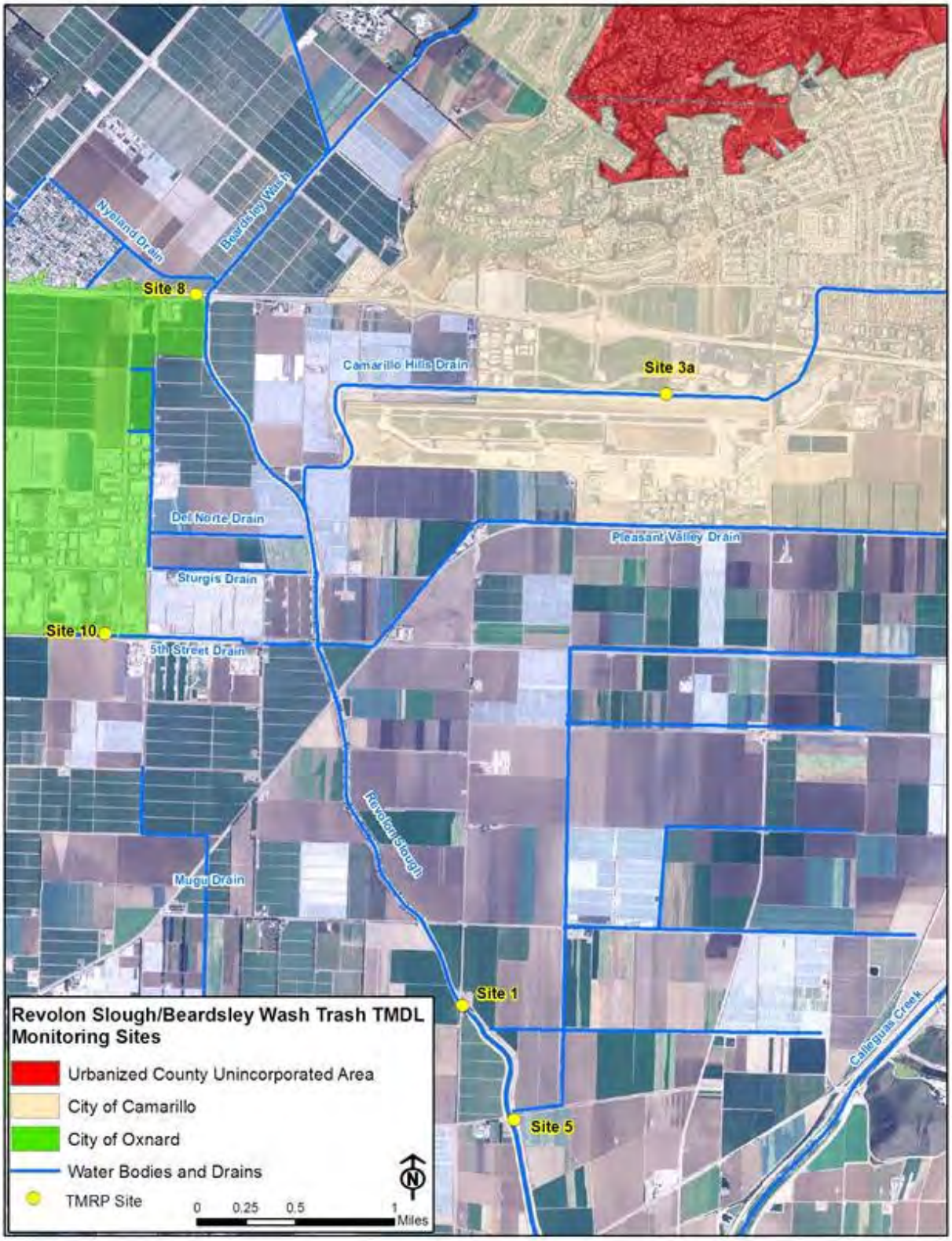

Figure 1. TMRP/MFAC Program Sites

ASSESSMENT FINDINGS

The monitoring approach is comprised of a streamlined visual survey of trash levels at select sites within RSBW and sites within conveyances that discharge to RSBW. The visual survey uses a component of the Surface Water Ambient Monitoring Program Rapid Trash Assessment Protocol (SWAMP Protocol) and visual assessment approaches being utilized by the City of Ventura, the Santa Clara Valley Urban Runoff Pollution Prevention Program in the San Francisco Bay Area, and a number of cities and municipalities throughout the country.

The visual surveys utilize a three-point system based on the "Level of Trash" scoring category discussed in the SWAMP Protocol to estimate the presence of litter in a specific area. Individuals performing the visual surveys are trained to properly conduct these assessments and ensure consistency between sites and personnel by rating the amount of litter observed based on the following categories:

- Category 1 – Represents the SWAMP Category "Optimal;"
- Category 2 – Represents the SWAMP Category "Suboptimal;" and
- Category 3 – Represents the SWAMP Category "Poor."

Category 1 is defined as a condition where:

> "On first glance, no trash visible. Little or no trash (<10 pieces) evident when streambed and stream banks are closely examined for litter and debris, for instance by looking under leaves."

Category 2 is defined as a condition where:

> "On first glance, low to medium levels of trash are evident (10 – 100 pieces). Stream, bank surfaces, and riparian zone contain some litter and debris. Possible evidence of site being used by people: scattered cans, bottles, food wrappers, blankets, clothing."

Category 3 is defined as a condition where:

> "Trash distracts the eye on first glance. Stream, bank surfaces, and immediate riparian zone contain substantial levels of litter and debris (>100 pieces). Evidence of site being used frequently by people: many cans, bottles, and food wrappers, blankets, clothing."

Eleventh-year visual monitoring was the fifth year to exclusively include Visual Assessment Monitoring methods. The visual assessment categories for each site during the monthly MFAC events from October 2020 to September 2021 are presented in **Table 3**. Due to COVID19, the consultant, California Conversation Corps were not able to conduct MFAC Visual Assessments Event in December 2020.

On June 4th, 2021 the Regional Board approved Addendum no. 2, resulting in discontinued monitoring activities at Site 10.

Table 3. Visual Assessment Trash Categories by Monitoring Site

Site	Visual Assessment Trash Category[1]											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2	2	N/A	2	1	2	2	1	1	2	2	1
3a	1	1	N/A	2	1	2	2	1	1	1	1	1
5	1	1	N/A	1	2	1	1	1	1	1	1	1
8	1	1	N/A	1	1	1	1	2	2	1	1	1
10	1	1	N/A	2	1	2	1	2	N/A	N/A	N/A	N/A

1. Number indicates visual assessment trash category.

MFAC Events/BMP Implementation Summary

Results of the monitoring are used to evaluate the effectiveness of the MFAC/BMP Program and to identify any necessary modifications. The MFAC/BMP Program is continuously evaluated and modified using an adaptive management approach consistent with the procedures outlined in the TMRP - Addendum No. 1 and as summarized below:

1. Monitoring sites classified in Category 1 during the visual monitoring event are noted and any trash observed is collected during the visual monitoring event.
2. Monitoring sites classified in Category 2 are evaluated to determine if and what type of additional BMPs are needed to reduce the accumulation of trash between visual monitoring events with intent to move these sites to Category 1.
3. Monitoring sites classified in Category 3 for four (4) consecutive monthly visual monitoring events initiate more frequent additional cleanups in the areas surrounding the sites to address trash. It is anticipated that the additional cleanups will address trash thereby moving the site to Category 2 and then to Category 1.

MFAC COLLECTION EVENTS AND ADDITIONAL CLEAN UP EVENTS

During the MFAC events, any trash found during the assessments is cleaned up after the assessment is completed. This is done to ensure that zero pieces of trash are present after the assessment. **Table 4** and photos in **Appendix 2** present examples of trash collected during the MFAC events carried out in the 2020-2021 reporting year. Completed visual assessment forms are provided in **Appendix 3**.

In addition to the trash cleanups that occur in conjunction with a MFAC event, the Responsible Parties have chosen to conduct additional clean ups at monitoring sites where trash is found to be accumulating in deleterious amounts between assessments. These additional cleanups are one of the key BMPs that all Responsible Parties implement as part of the MFAC/BMP program. The Responsible Parties conducted monthly Special Cleanup Events at each monitoring site in an attempt to address high observed rates of trash accumulation, refer to **Table 5**. Site 1 boundaries for the Special Cleanup Events were expanded in September 2016 due to the site not consistently assessed as Category 1 during the assessments. All other site boundaries for the Special Cleanup Events remained the same during the entire monitoring year because the assessment results for most sites are regularly assessed as Category 1 and therefore did not trigger the need for additional cleanup area.

Table 5 lists the date of the Special Cleanup Events and provides the amount of trash/debris removed. From October 2020 through September 2021, the total annual amount of trash removed was approximately 1,975 pounds, collected in 177 33-gallon bags. Example photos taken during the Special Cleanup Events are presented in **Appendix 4**. In comparison, during MFAC event, total of approximately 228 pounds of trash was collected and removed, refer to **Table 4**.

All MFAC and Special Cleanup Events for the 2020-2021 monitoring year were completed with the exception of MFAC December 2020, due to a COVID-19 outbreak which required lockdown at California Conservation Corp's local facility. Notification emails were sent to Los Angeles Regional Board to alert staff of the situation, refer to **Appendix 5**. All other monitoring events were completed as indicated in **Tables 4** and **5**.

Table 4. Summary of Trash Collected during the MFAC Collection Events (in lbs.)

Date	Site 1	Site 3a	Site 5	Site 8	Site 10
10/20/20	3.66	.26	.75	1.37	1.06
11/24/20	23.69	2.42	1.19	.88	.93
12/2020	N/A[1]	N/A[1]	N/A[1]	N/A[1]	N/A[1]
1/20/21	1.85	.42	.25	1.4	6.6
2/09/21	4.36	3.74	4.32	1.01	1.36
3/23/21	10.41	2.53	1.06	2.47	3.83
4/20/21	7.36	5.03	6.88	3.18	4.59
5/25/21	16.05	1.06	7.95	2.03	18.83
6/22/21	5.51	.31	1.81	.62	N/A[2]
7/13/21	2.51	.22	41.41	.93	N/A[2]
8/17/21	12.17	.06	.06	1.19	N/A[2]
9/20/21	4.06	.48	1.23	.66	N/A[2]
Total	**91.63**	**16.53**	**66.91**	**15.74**	**37.20**
Grand Total	**228.01**				

[1] No Visual Assessment event conducted in December '20 due to COVID 19, refer to Appendix 5.

[2] Per approved TMRP Addendum No. 2, monitoring activities at site 10 were discontinued in June 2021.

Table 5. Summary of Trash Collected during Special Clean Up Events (in lbs.)

Date	Site 1	Site 3a	Site 5	Site 8	Site 10
10/13/20	3.56	10.24	.14	3.88	3.4
11/17/20	13.12	74.72	6.92	4.68	3.4
12/09/20	36.06	13.1	2.24	2.16	1.54
1/13/21	270.21	156.74	8.94	2.3	9.8
2/02/21	79.56	241.33	10.02	3.12	4.11
3/16/21	154.45	153.53	117.45	8.24	10.78
4/14/21	77.7	108.15	4.94	.69	2.78
5/11/21	62.94	21.47	13.65	.75	2.20
6/16/21	29.97	16.25	18.11	1.10	N/A[1]
7/06/21	49.15	5.05	0.0	1.03	N/A[1]
8/10/21	57.36	8.36	0.0	2.0	N/A[1]
9/13/21	55.35	18.58	6.16	1.04	N/A[1]
Total	**889.43**	**827.52**	**188.57**	**30.99**	**38.01**
Grand Total	**1,974.52**				

[1] Per approved TMRP Addendum no. 2, monitoring activities at site 10 were discontinued in June 2021.

BMP IMPLEMENTATION

The TMRP lists a suite of BMPs that each responsible party is implementing in their respective jurisdiction. This suite of BMPs represents the baseline MFAC/BMP program being used to comply with the non-point source requirements of the TMDL. Each year, the Responsible Parties review this baseline list of BMPs and the assessment findings to determine if modifications or additional BMPs are needed to achieve a Category 1 level of trash corresponding to "optimal" or low levels of trash, at the assessment sites.

As noted above, one of the primary modifications to the baseline MFAC/BMP Program outlined in TMRP – Addendum No. 1 was the increase in special trash cleanups from quarterly to monthly. This modification was made in response to the assessment results and has resulted in all but one site regularly being assessed as Category 1. As a result, this higher frequency of special trash cleanups has been maintained per TMRP – Addendum No. 1. In addition, as noted above, for Site 1, additional area has been added for the special cleanups to help improve that site from Category 2 to Category 1. Per the TMRP – Addendum No. 1 approach, some new BMPs have been implemented this year and additional BMPs are being evaluated for areas in the vicinity of Site 1 with the goal of improving that site to Category 1. These BMPs are discussed for each Responsible Party in the following sections along with the status of implementation of the BMPs in the baseline program and the point source compliance actions for Responsible Parties with point source requirements in the TMDL.

As previously noted, On June 4, 2021 the Los Angeles Regional Board approved Addendum no. 2, resulting in a revised monitoring schedule of visiting and cleaning all sites twice per month. Additionally, Addendum no. 2 discontinued monitoring activities at Site 10.

County of Ventura and VCWPD BMPs

The County of Ventura (the County) and VCWPD are listed as both point and non-point sources in the TMDL. This section provides an overview of the BMPs implemented to address both sets of requirements. Examples of public outreach and educational efforts are provided in **Appendix 7**.

County of Ventura and VCWPD BMPs

The County and VCWPD continue to implement the baseline BMPs outlined in the TMRP Addendum No. 1 and has updated BMPs in response to the assessment results. The ongoing efforts to manage trash within the RSBW subwatershed include:

1. 100% Point-Source Compliance - the County has a very limited storm drain system within the area subject to the Trash TMDL. Between 2014-2015, the County installed 56 full capture devices and is meeting the 100 percent point source compliance requirement for the County unincorporated areas. For full capture device installation details, refer to "County of Ventura Full Capture Connector Pipe Screen Trash Excluder Certification Report" provided in the 2015-2016 Annual Report.
2. County's catch basin cleaning - Catch basins are inspected at least once a year and cleaned when filled to 25 percent or more of the catch basin's capacity as required by the Ventura Municipal Stormwater Permit. The County has been cleaning all inspected catch basins regardless of what percent of catch basin capacity is filled up with vegetation debris and occasional trash. During storm season, all drainage

facilities are inspected and cleaned as necessary. During the **2020-2021 monitoring year, the County removed more than 67 cubic feet of trash** from full capture devices within the RSBW subwatershed. Examples of photos from a County full capture device inspection and cleaning event are presented in **Appendix 6**.

3. All County's catch basins are labeled with "No Dumping" stencil or label; catch basin stencils and labels are inspected annually to verify legibility; in an event if stencil or label is illegible, the catch basin is re-stenciled or re-labeled within 15 days of inspection per 2010 Ventura Municipal Stormwater Permit.
4. Open channel storm drain maintenance - All VCWPD-owned and maintained channels are cleared, inspected, and cleaned as required at least once per year.
5. Trash Management at Public Events - A proper Management of Trash and Litter Plan is required when obtaining a permit for staging public events. This Plan requires adequate facilities for trash collection and disposal.
6. Public areas - Trash receptacles have been placed within high trash generation areas. These devices are cleaned and maintained regularly to prevent trash overflow.
7. The Stormwater Quality Management Ordinance for Unincorporated Areas (Ventura County Ordinance No. 4450) includes litter and trash specific prohibitions for the discharge or deposition of trash that may enter the County storm drain system or receiving waters (Section 6942). The ordinance also includes civil penalties for violations and provisions for issuing administrative fines, recovery of costs and misdemeanor violations.
8. County catch basins are labeled, "Don't Pollute, Flows to Waterways".
9. Watershed awareness signs have been installed at key locations at major roadway crossings of RSBW, stating "Calleguas Creek Watershed, Keep It Clean!"
10. On July 31, 2012 the County of Ventura Board of Supervisors received and filed a draft model Single-Use Bag Ordinance referred to the County by the Beach Erosion Authority for Clean Oceans and Nourishment (BEACON). The County endorsed the use of up to $8,000 as the County's pro-rata share of a regional Environmental Impact Report (EIR) to be prepared by BEACON, which is required to be completed under the California Environmental Quality Act (CEQA) before the model single-use bag ban can be adopted. This was the first step for the County to move forward with the consideration of adoption of a single-use plastic bag ban.
11. On June 24, 2014 the County of Ventura Board of Supervisors approved a motion directing the County of Ventura Executive Officer to have staff prepare a Single-Use Bag Ordinance modeled on the BEACON Ordinance.
12. The County and VCWPD continue to participate in the Countywide Stormwater Program to provide outreach and education retaining the services of Sagent, a professional advertisement group that designs and conducts Countywide, bilingual outreach programs advocating proper trash disposal. The most recent addition to the outreach program is trash prevention and protection of stormwater quality education using Facebook® and Instagram®.

13. The County conducts commercial, industrial, and construction facility/site inspections to ensure proper pollutant prevention BMPs are being applied and to educate the employees on the importance of pollution prevention. The County inspects over 360 businesses at least twice during the Ventura County MS4 Permit Term.

The following are enhancements/revisions made to the non-point source BMPs listed in the TMRP for the County and VCWPD to address assessment results:

1. Eleven (11) bilingual "No Dumping Allowed" signs have been installed at six locations at access points along Revolon Slough and Beardsley Wash, where illegal dumping has been observed.
2. The County requires private owners to provide proof of maintenance of their post construction treatment devices annually.
3. Coastal Cleanup Day was held during the whole month of September 2020 with multiple cleanup events on the third Saturday of September. Volunteers were encouraged to conduct their own cleanups throughout the month of September and track the trash collected on the Clean Swell app so that they could still participate if they were unable to attend an event on the third Saturday of the month.

Future Potential Best Management Practices

The County/VCWPD will continue to install and implement the structural and non-structural BMPs described above and the monthly special trash cleanups to address non-point source trash from their jurisdictions as part of the MFAC/BMP Program. Additionally, the County will conduct targeted outreach to schools within the area covered by the Trash TMDL to educate the students, staff, and faculty on the importance of pollution prevention, with a focus on trash, to support reducing trash at Site 1. The County will continue to maintain the installed full capture devices to ensure their proper function.

City of Camarillo BMPs

The City of Camarillo is listed as both a point and non-point source in the TMDL. This section provides an overview of the BMPs implemented to address both sets of requirements.

City of Camarillo Non-Point Source BMPs

TMRP Addendum No. 1 BMP list for the City of Camarillo (Camarillo):

1. Catch basin cleaning - All Camarillo catch basins outside of the RSBW subwatershed are inspected at least once per year and those in high-trash generating areas are inspected four times per year. All are cleaned when filled with trash to 25 percent or more of the catch basin's capacity. As identified in the Camarillo's March 2016 letter to Regional Board staff, starting in July 2016, inspection frequencies for all catch basins in the RSBW subwatershed were changed to quarterly. The metric used to determine when a catch basin needs to be cleaned was also changed to 25 percent or more of trash capacity, the same metric used for the nonpoint source program. A total of 8,951 pounds of trash was removed in cleanouts from October 2020 through

September 2021. Example photos from a Camarillo full capture device inspection and cleaning event are presented in **Appendix 6**.

2. Open channel maintenance - All Camarillo-maintained channels are inspected and cleaned at least once before the wet season and at least once after the wet season.
3. Trash Management at Public Events - All special use permits for events in the public right of way require proper management of trash and litter.
4. Trash removal along Camarillo fence lines near City stormwater system structures in the RSBW subwatershed was not performed this year due to budget restraints. Last year, approximately 95 pounds of trash was collected during the fence line trash removals.
5. Camarillo's arterial streets are swept weekly and residential streets are swept monthly in an attempt to reduce trash accumulation in deleterious amounts on streets within the city. An estimated 907,000 pounds of debris was removed by the street sweepers from streets in the RSBW subwatershed this year.
6. Camarillo requires conditions pertaining to trash to be met for all new development and redevelopment projects within the subwatershed, including:
    A. Full capture trash devices and post-construction treatment devices for other pollutants of concern must be installed in drain inlets;
    B. Trash enclosures and/or recycling areas must be properly implemented (e.g., covered and including structures to direct stormwater away from entering the enclosures/areas);
    C. All property areas must be maintained free of litter/debris;
    D. Onsite storm drains must be cleaned at least twice per year, including once before the beginning of the wet season; and
    E. Private roads and parking lots must be swept at a minimum of once per month, with two sweepings occurring in October before the beginning of the wet season.
7. Camarillo requires private owners to provide proof of maintenance of their post construction treatment devices annually.
8. Camarillo hosts household hazardous waste collection events two days per month to provide residents a place to properly dispose of their materials. This reduces the amount of illegal dumping and diverts household hazardous waste from landfills. In 2020-2021 Camarillo successfully diverted 265,017 pounds of household hazardous waste, which equals a 99.9 percent diversion rate of items collected during the events.
9. Camarillo adopted Stormwater Ordinance No. 1032 in December 2012 which includes trash specific prohibitions and fines and penalties for violations of the prohibitions.
10. Camarillo hosted two sites during the 2021 Coastal & Inland Waterways Cleanup Day event held September 18, 2021. 90 volunteers removed 398 pounds of trash and

recyclables from Calleguas Creek and the Mission Oaks Barranca, stopping debris at the source and preventing it from entering our waterways.

11. Camarillo engages in several outreach and education campaigns including:
    A. Disseminating a litter prevention message, at least annually, in its quarterly Cityscene Newsletter, which is distributed to all residents, as well as messages posted on Facebook and Instagram.
    B. Including an insert with all August utility bills soliciting volunteers to remove trash in the city on Coastal Cleanup Day and which also educates residents on pollution prevention.
    C. Including an insert with all January 2021 utility bills on importance of keeping our environment clean by removing pet waste and trash.
    D. Conducting commercial and industrial facility inspections to ensure proper pollutant prevention BMPs are being applied and educating employees on the importance of pollution prevention. Camarillo inspected 40 facilities during 2020-2021.
    E. Inspecting all construction sites to ensure application of proper pollution prevention BMPs. Camarillo inspected 152 sites in 2020-2021 and also inspected 10 construction sites prior to certificate of occupancy to verify that site design and that source control and treatment control BMPs were installed and maintained properly.
    F. Providing or mailing construction site BMP brochures to contractors and developers annually, during the fall, to ensure proper pollutant prevention BMPs are being applied especially before the wet season.
    G. Participating in the Countywide Stormwater Public Outreach Program that includes litter outreach, which can be reviewed at www.cleanwatershed.org.

The following are enhancements/revisions made to the non-point source BMPs listed in the TMRP for Camarillo to address assessment results:

1. Camarillo performs annual debris and trash removal from City-maintained ditches/channels and detention basins. Approximately 20,050 pounds of materials were removed from these structures within the RSBW subwatershed.
2. Camarillo adopted additional measures to its Water Conservation Ordinance limiting lawn watering to four days per week, no washing of hard surfaces (i.e., driveways, sidewalks), and imposing penalties for runoff. Furthermore, Camarillo reduced its water usage by 15 percent for nine-month period ending September 2021 compared to usage in 2013. These measures will reduce dry weather flows to the storm drain system thereby reducing trash transport.

City of Camarillo Point Source BMPs

The Los Angeles Regional Water Quality Control Board revised the RSBW Trash TMDL on June 14, 2018, modifying compliance to align with the Statewide Trash Amendments. The revised RSBW Trash TMDL became effective on May 6, 2020. As required by the revised

RSBW Trash TMDL an updated TMRP – Addendum No. 2 was submitted to the Regional Board staff in August 2020. As outlined in the TMRP, the City will continue to comply with the point source requirements via the MFAC/BMP program which consists of quarterly inspection and cleanout as needed of all MS4 drain inlets (priority and non-priority sources) until we have completed the installation of full capture devices in all conveyances draining priority land uses that discharge to RSBW subwatershed, in accordance with the revised Trash TMDL. The City will also continue to implement the suite of BMPs detailed above and in both addendums of the TMRP.

The City has installed 208 full capture trash devices citywide, of which 127 are within the RSBW subwatershed. The City has also installed 15 trash excluders citywide, which includes 3 within the RSBW subwatershed, and will continue installation of full capture trash devices in the remaining high priority land use area catch basins in future years in conjunction with the MFAC/BMP program described below. We are confident that the current trash control measures implemented by the City as well as the point source MFAC/BMP program are meeting the required 100 percent reduction from the baseline WLA.

The section below provides information on Camarillo's point source MFAC/BMP Program.

Point Source MFAC/BMP Program

In May 2015, Camarillo submitted a letter to the Regional Board staff detailing a proposed point source compliance option and requesting Regional Board approval. In July 2015 Camarillo staff met with Regional Board staff to discuss the May 2015 letter. In October 2015, per a Regional Board staff request, Camarillo submitted additional data related to the point source compliance option. On December 14, 2015, Camarillo received a response letter from the Regional Board stating it was unable to approve Camarillo's requested point source strategy. On March 3, 2016, Camarillo submitted another letter to the Regional Board in response to the December 14, 2015 letter detailing a revised, proposed point source compliance strategy (listed below). As of the submittal date of this Annual Report, Camarillo has not received approval of the proposed point source compliance option.

As previously mentioned, the Regional Board revised the RSBW Trash TMDL on June 14, 2018, modifying compliance to align with the Statewide Trash Amendments, which was approved on May 21, 2019 by the State Water Resources Control Board and approved by the Office of Administrative Law on May 6, 2020. As outlined in the August 2020 TMRP Addendum No. 2, Camarillo will continue to address all land uses (non-priority and priority) within the RSBW subwatershed by conducting the point source MFAC/BMP Program. The MFAC/BMP Program consists of implementing the suite of BMPs currently employed by Camarillo, as detailed in TMRP - Addendum No. 1 and Addendum No. 2 and Annual Monitoring Reports, as well as inspecting and monitoring catch basins for trash and/or anthropogenic landscaping litter. Camarillo is implementing the following inspection and collection schedule for non-priority land use area catch basins to serve as the assessment collection aspect of the MFAC/BMP Program:

- Conducting quarterly visual inspections for all non-priority land use catch basins.
- Inspection frequencies may be modified for particular catch basins based on the amount of trash and/or anthropogenic landscape litter (dumped grass clippings) present during initial quarterly inspections. A minimum inspection frequency interval will be selected

that prevents trash and/or leaf litter from accumulating in deleterious amounts between collections.

- Collection events are occurring concurrently with the assessments and Camarillo ensures zero trash and/or landscape litter will remain after the collection event.

Based on this inspection and cleaning schedule, catch basins cleaned one or fewer times (i.e., no trash/anthropogenic landscaping litter found during inspections) over a rolling three-year period are considered equivalent to catch basins with full capture devices installed. This determination is based on trash and/or anthropogenic landscaping litter not accumulating in the catch basins and therefore not being discharged to RSBW. This also indicates the BMPs implemented by Camarillo are addressing trash equivalent to full capture devices. If any catch basin does not maintain its one or fewer cleaning frequency status during the current rolling three-year period, the catch basin and/or area surrounding the catch basin will be addressed via trash-control BMPs to return the catch basin to the one or fewer cleaning frequency category. Once the full capture systems are installed in all of the priority land use areas, the MFAC/BMP Program outlined in this section for point source compliance will cease and the inspection and cleaning protocols for catch basins will revert to the requirements of the Regional MS4 Permit.

Camarillo reviewed all catch basins in this subwatershed over the last three consecutive years (2018/19 – 2020/21) and found only six nonpriority land use catch basins that did not maintain their one or fewer cleaning status each year for three consecutive years. The City will be reviewing those five nonpriority land use catch basins and adjusting BMPs to return them to the one or fewer cleaning frequency category.

During quarterly inspections for the 2020-2021 monitoring year, 165 nonpriority catch basins, without full capture trash devices, had to be cleaned more than once (total of 486 cleanings), which equates to approximately 38 percent of the total 447 nonpriority catch basins within the RSBW subwatershed not addressed by full capture systems. The remaining 271 nonpriority catch basins, without full capture trash devices, were cleaned one or fewer times due to non-trash accumulation. Of the 165 catch basins cleaned more than once (total of 486 cleanings), 2 were a Category 3 level (100+ pieces of trash), 104 were found to be Category 2 (10+ pieces of trash), 322 were found to be in Category 1 (<10 pieces of trash), and 58 were Category 0 (no trash). Camarillo will continue to assess whether additional trash BMPs are needed to address these catch basins. However, based on the fact that most of the catch basins within the subwatershed were a Category 1 or less (indicating that trash is not accumulating in deleterious amounts) and the amount of trash being removed by the existing BMPs is sufficient to meet the WLA (per the assessment below), it appears that additional BMPs in these nonpriority catch basins may not be needed.

In order to assess compliance with the 100 percent reduction from the baseline wasteload allocation (WLA) requirement, Camarillo calculated a point source baseline WLA for: (1) all land uses and (2) only priority land uses, using land use acreage determined through geographic information system (GIS) analyses and trash generation rate (TGR) data obtained through a review of reports that contain trash generation rate data. A baseline WLA of 2,738 gallons per year was calculated for all land uses and a baseline WLA of 1,653 gallons per year was calculated for only the priority land use areas with RSBW. In essence, if Camarillo's BMPs address at least 2,738 gallons per year of trash, then they will be in compliance with the 100 percent reduction from the baseline WLA. During the 2020-2021 monitoring year, Camarillo

removed 76,450 gallons of trash through the implemented trash control measures, a volume much greater than the estimated baseline of 2,738 gallons of trash baseline WLA, refer to **Table 6**.

Based on the catch basin inspections and clean outs as well as the amount of trash removed by Camarillo's trash control measures, trash and debris are not accumulating in deleterious amounts between the inspection and collection events and Camarillo is meeting the point source requirements of the Trash TMDL through its existing MFAC/BMP Program.

Table 6. Materials Removed via Various City of Camarillo Trash-Control Measures Implemented in 2020-2021

BMP	Estimated Amount Removed	Amount of Trash	Amount of Leaf Litter[2]	Amount of Sediment
Amount of trash collected in pounds				
Catch Basin Cleaning	43,788	8,951	26,128	8,709
Street Sweeping	907,000	181,400	453,500	272,100
Ditch, Channel, and Detention Basin Cleaning	20,050	774	14,457	4,819
Fence Line Trash Removal	0	0	0	0
Total	**970,838**	**191,125**	**494,085**	**285,628**
Amount of trash collected in gallons[1]				
Catch Basin Cleaning	17,515	3,580	10,451	3,484
Street Sweeping	362,800	72,560	181,400	108,840
Ditch, Channel, and Detention Basin Cleaning	8,020	310	5,783	1,928
Fence Line Trash Removal[3]	0	0	0	0
Total	**388,335**	**76,450**	**197,634**	**114,251**

1. Pounds converted to gallons using 2.5 pounds=1 gallon from: Maryland Department of the Environment. TMDLs of Trash and Debris for the Middle Branch and Northwest Branch Portions of the Patapsco River Mesohaline Tidal Chesapeake Bay Segment. December 2014.
2. Leaf litter is not anthropogenic landscaping litter but literally leaves from adjacent trees. Dumped landscaping litter is considered trash and is accounted for under "trash" category.
3. Due to lack of funding, fence line cleaning was not conducted until Fiscal Year 2021-2022.

Future Potential Best Management Practices

To address non-point sources, Camarillo will continue to focus BMP efforts on high priority land uses identified in the revised Trash TMDL and related Trash Provisions and will continue subwatershed-wide BMP activities as a means to further reduce the discharge of trash to RSBW.

To address point sources, Camarillo will continue implementing the MFAC/BMP program (inspection and cleanout, if needed, of all catch basins in the RSBW subwatershed four times a year) for its drainage areas in the priority land use areas until full capture trash devices have been installed in all 207 catch basins in those drainage areas. Currently, Camarillo has installed full capture trash devices in 116 of its 207 priority land use area catch basins, as well as 11 full capture trash devices in nonpriority land use area catch basins. Camarillo will continue the MFAC/BMP program for the remaining 91 priority land use area catch basins until they have been addressed with a full capture trash device. As discussed previously, Camarillo reviewed all

catch basins in this subwatershed over the last three consecutive years (2018/19 – 2020/21) and found only six nonpriority land use catch basins without a full capture trash device that did not maintain their one or fewer cleaning status each year for three consecutive years. The City will be reviewing those six nonpriority land use catch basins and adjusting BMPs to return them to the one or fewer cleaning frequency category.

To further the City's goal of minimizing impacts on the environment, in July 2021 Camarillo approved Ordinance No. 1181 regulating the use of Expanded Polystyrene (EPS), commonly known as Styrofoam™. Effective January 1, 2022, the City will prohibit food providers from distributing EPS, and will also prohibit both the sale and distribution of any EPS food packaging, containers, and food service ware.

In addition, effective July 5, 2021, Camarillo began weekly curbsite collection of all three refuse containers: trash, recycling, and yard waste. Previously, Camarillo's trash and yard waste containers were collected curbside on a weekly basis while recycle containers were serviced bi-weekly. There has been a notable increase in cardboard due to deliveries during the pandemic, which contributed to the increased service for the recycle containers.

City of Oxnard BMPs

The City of Oxnard is listed as both a point and non-point source in the TMDL. This section provides an overview of the BMPs implemented to address both sets of requirements.

City of Oxnard Non-Point Source BMPs

TMRP Addendum No. 1 BMP list for the City of Oxnard (Oxnard):

1. Catch basin cleaning - All Oxnard catch basins are inspected at least once per year.
2. Open channel maintenance - All Oxnard-maintained channels are inspected and cleaned at least once per year before the wet season and at least once per year after the wet season.
3. Oxnard arterial streets are swept weekly and residential streets are swept monthly in an attempt to reduce trash accumulating in deleterious amounts on streets within the city's jurisdiction.
4. Trash Management at Public Events - All special use permits for events in the public right of way require proper management of trash and litter.
5. Oxnard requires conditions pertaining to trash to be met for all new development and redevelopment projects within the subwatershed, including:
    A. Trash full capture devices and post-construction treatment devices for other pollutants of concern must be installed in drain inlets;
    B. Trash enclosures and/or recycling areas must be properly installed (e.g., covered and including structures to direct stormwater away from entering the enclosures/areas);
    C. All property areas must be maintained free of litter/debris;
    D. Onsite storm drains must be cleaned at least twice per year, including once before the beginning of the wet season; and

E. Private roads and parking lots must be swept at a minimum of once per month, with two sweepings occurring in October before the beginning of the wet season.

6. Oxnard requires private owners to provide proof of maintenance of their post construction treatment devices annually.
7. Oxnard accepts household hazardous wastes at the Del Norte Regional Recycling Station Monday through Saturday to provide residents a place to properly dispose of their materials. This reduces the amount of illegal dumping.
8. Oxnard adopted Stormwater Ordinance No. 2876 in November 2013, which includes trash specific prohibitions and fines and penalties for violations of the prohibitions.
9. Oxnard imposed additional measures to its Water Conservation Ordinance in 2014 by prohibiting lawn watering except between 4 PM and 9 AM or 6 PM and 9 AM during daylight savings, no washing of hard surfaces (i.e., driveways, sidewalks), and imposing penalties for runoff. These measures will reduce dry weather flows to the storm drain system thereby reducing trash transport.
10. Oxnard's catch basins are labeled, "Don't Dump, Drains to Ocean."
11. Oxnard engages in several outreach and education campaigns including:
    A. Establishing the www.oxnard.org website which disseminates information regarding pollution prevention, household hazardous waste roundups, Coastal Clean-up day and water conservation.
    B. Including an insert with all utility bills soliciting volunteers to remove trash in the City of Oxnard on Coastal Cleanup Day which also educates residents on pollution prevention.
    C. Conducting commercial, industrial, and construction facility/site inspections to ensure proper pollutant prevention BMPs are being applied and to educate the employees on the importance of pollution prevention.
    D. Sending out letters to all commercial, industrial, and high-density residential property managers requesting assistance in controlling trash on their property.
    E. Inspecting all construction sites to ensure application of proper pollution prevention BMPs.
    F. Oxnard participates in the Countywide Stormwater Public Outreach Program that includes litter outreach, which can be reviewed at www.cleanwatershed.org.

The following are enhancements/revisions made to the non-point source BMPs listed in the TMRP for Oxnard to address assessment results:

Oxnard owns and operates the Del Norte Regional Recycling and Transfer Station, which is responsible for accepting, transferring and disposing of approximately 200,000 solid waste tons each year from the city, permitted haulers, and self-haulers throughout the region, as well as materials recovery, which is responsible for diverting material from the waste stream to prevent marketable recyclable material and divertible material from entering the landfill. Oxnard has

entered into agreements with organizations such as the Carpet America Recovery Effort (carpetrecovery.org) and Recycle with Paint Care (paintcare.org) for recycling of post-consumer products. Green waste is recycled to provide compost soil amendments and other beneficial environmental products. The Del Norte Regional Recycling and Transfer Station includes a buyback center, which is responsible for accepting and dispensing payments to customers that redeem California Redemption Value material such as aluminum cans, plastic beverage containers, and glass. In addition, the Del Norte Regional Recycling and Transfer Station contains the Recyclable Household Hazardous Waste Center, which is responsible for accepting and recycling material from Oxnard residents that drop-off antifreeze, batteries, used motor oil, water-based paint and electronic devices. For hazardous wastes that are not accepted at Del Norte Regional Recycling and Transfer Station**,** Oxnard offers Household Hazardous Waste Collection Events which are held at a separate location and allow residents to transport up to 15 gallons or 125 lbs household hazardous waste to the event. There is also a special program available once per month for Oxnard Conditionally Exempt Small Quantity Generator Businesses (CESQG's). A CESQG generates or stores less than 27 gallons or 200 pounds of Hazardous Waste per month. A CESQG may qualify for a limited amount of free disposal.

Oxnard will continue to promote the City's Green Sustainability Programs with robust outreach focused on pollution prevention and environmental sustainability. Oxnard has started a new "On the Road to Zero Waste" campaign which encourages community participation through a series of workshops designed to educate the public and garner community input. The program has vision of zero waste with a guiding principle to protect the environment and public health.

City of Oxnard Point Source BMPs

For point sources, Oxnard planned to address point source compliance by installing full capture system devices. However, the development of the trash amendments created uncertainty as to the number and location of devices that were needed (e.g. all drainages or just those from priority land uses). As a result, Oxnard did not install full capture devices for conveyances discharging to RSBW until 2019. After the adoption of the Revised Trash TMDL, City staff identified 108 catch basins that require retrofitting in priority land uses. Oxnard recently secured funding to install the full capture devices as a Capital Improvement Project (CIP). Oxnard addressed point source compliance of the Revised Trash TMDL by installing full capture system devices by June 30, 2019.

Future Potential Best Management Practices

Oxnard will focus BMP efforts at the high trash generating areas identified through the MFAC Program and continue subwatershed-wide BMP activities as a means to further reduce the discharge of trash to RSBW.

VCAILG BMPs

TMRP Addendum No. 1 BMPs for VCAILG:

On April 8, 2021 the Los Angeles Regional Water Quality Control Board (Regional Board) adopted a Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands within the Los Angeles Region ("Conditional Waiver", Order No. R4-2021-0045). As specified in the Conditional Waiver, if an applicable water quality benchmark has not been met, then a Water Quality Management Plan (WQMP), which includes BMPs to address constituents

of concern, must be developed. While trash is not required to be addressed in the WQMP, VCAILG takes actions to incorporate trash into the WQMP. The previous Conditional Waiver term WQMP included the results of two survey questions[2] related to trash that demonstrated the BMPs were fully implemented (between 95% - 100%). VCAILG continues to incorporate trash management as part of their outreach and education activities.

In addition, third party trash BMPs are available in Revolon Slough and Beardsley Wash. Both Community Recycling & Resource Recovery, Inc. (Community Recycling) and E.J. Harrison & Sons, Inc. provide recycling services to local farmers. Recycling efforts are focused on drip tape and agricultural plastic used to cover strawberry beds and used in some vegetable fields during growing. Community Recycling estimates they collect approximately 70 percent of the agricultural plastic in Ventura County. The used plastic is cleaned, processed, and turned into pellets to be used in new products. Researchers are testing the use of recycled plastic in the fields and determining the percent recycled material that will still stretch and maintain the necessary strength. Collection and recycling of the plastic is an effective method for reducing plastic trash from entering Revolon Slough and Beardsley Wash.

The following are enhancements/revisions made to the BMPs listed in the TMRP for VCAILG to address assessment results:

During the 2020-2021 monitoring year, the VCAILG provided education and outreach to a diverse group of owners and growers throughout Ventura County. Certain aspects of the education and outreach discuss trash BMPs for agricultural areas and information regarding the Trash TMDL. The VCAILG conducted nine education and outreach classes during the 2020-2021 reporting year. Additionally, growers in the Revolon Slough and Beardsley Wash Responsibility Areas (RAs) are provided with concise summaries of compliance requirements that are revised with each WQMP update. These compliance summaries include a listing of water quality impairments and TMDLs specific to the RA and provide a prioritized list of suggested BMPs that growers can implement.

Future Potential Best Management Practices

As part of the current Conditional Waiver, VCAILG provides educational classes focused on improving water quality, including identifying trash as an impairment of water quality. VCAILG continues to make a concerted effort to make trash management a focus during educational classes. Furthermore, based on 2020-2021 monitoring results, the VCAILG will assist its members with the implementation of additional BMPs as necessary by following the adaptive process identified in the WQMP. For properties adjacent to MFAC monitoring sites along Revolon Slough and Beardsley Wash with known debris issues, VCAILG is conducting outreach efforts with individual landowners. In addition, VCAILG members will continue to be billed separately for Trash TMDLs to further reinforce the idea, through a fiscal measure, that there are trash problems in the subwatershed

[2] The survey questions were 1) The property is kept clean and free of trash and 2) The property has an adequate number of trash containers that are covered and emptied regularly. Modifications to the survey were made in response to the new conditional waiver and these questions were removed based on the fact that the BMPs were already fully implemented by members.

Department of Transportation (Caltrans) Litter Management Program BMPs

Caltrans implements a variety of BMPs in the watershed along the freeways and highways. These BMPs are a suite of programs to reduce trash as follows:

- Caltrans currently uses a variety of methods to educate the public about the importance of managing stormwater. These are intended to change public behavior regarding the release of potential pollutants (e.g., litter, spilled loads, and oil leaks).
    - The outreach program consists of a variety of written materials, monthly and quarterly bulletins, websites, workshops, and Caltrans's Adopt-a-Highway Program, as described below.
- Caltrans installs "No Dumping" and "Litter Fine" signs at selected locations on highways and freeways. Stenciled warnings prohibiting discharges to drain inlets at state-owned park-and-ride lots, rest areas, vista points, and other areas with pedestrian traffic are also used to increase public awareness.
- Litter and debris removal activities include sweeping of shoulders, paved medians, etc., and litter removal along the roadsides.
- Caltrans uses venues such as public schools, community-sponsored clean-up events, Bring Your Child to Work Day, and Earth Day to educate the public about the importance of excluding pollutants from stormwater.
- Caltrans's Adopt-A-Highway program is an opportunity for volunteers to make a tangible contribution to community and roadside aesthetics, and acts as a way to inform the public about the stormwater problems related to illegal dumping of litter and debris. As part of this program, signs are posted along roadways acknowledging groups that have volunteered to plant wildflowers, trees and/or shrubs, collect litter, or remove graffiti from structures.
- In the metropolitan portions of Los Angeles, San Diego, Orange, and Ventura Counties, storm drain inlets are inspected and cleaned annually prior to the rainy season. Those storm drain inlets that contain 12 inches or more of accumulated material will be cleaned.
- Litter and debris are periodically collected from Caltrans's rights-of-way and removed from drainage grates, trash racks, and ditch lines. Maintenance supervisors inspect highways in their assigned sections for the accumulation of litter. Signs may be installed where litter accumulation is a concern. The Caltrans NPDES Permit assigns a baseline wasteload allocation (WLA) of 11215.5 gallons/year. In essence, if Caltrans BMPs address at least 11215.5 gallons per year of trash, then they will be in compliance with the 100 percent reduction from the baseline WLA. During the 2019-2020 monitoring year, Caltrans removed 146280 gallons (724.25 cu yards) of trash through the implemented trash control measures, a volume much greater than the estimated baseline of 11215.5 gallons of trash baseline WLA.
- "Protect Every Drop" is a statewide Caltrans education and outreach pollution reduction public program that has been conducted since March 2016. The program uses public service announcements through various media such as television and radio broadcasts, billboards, newspapers, public outreach events, banners, posters, tip cards etc., and focuses on behavior changes. The program encourages the public to learn more about

sources and pathways of stormwater pollution and teaches motorists what to do to reduce pollutants like trash. Caltrans promotes public action to stop pollution at the source by: (1) properly disposing of trash and other items containing pollutants, (2) covering truckloads that may fall or blow off during transport, and (3) perform routine vehicle and tire maintenance. For more information, please refer to website www.protecteverydrop.com.

- Caltrans has constructed five (5) Gross Solids Removal Devices-Inclined Screen (EA: 2750U4) and two (2) Biofiltration Swales on Route 101.
- In 2021 Caltrans launched the 'Clean California Initiative" which will create career opportunities and jobs for the state of California, significantly reduce liter along state highways and local roads, and beautify our states transportation network. Over $1B dollars will be spent to remove over 1.2 million cubic yards of trash, in effect creating 10,000 jobs. This initiative focuses on driving a cultural shift of shared responsibility and community pride for the cleanliness of our roadways through education on properly throwing away trash and the impacts littering has on natural resources, waterways, public safety and health to encourage Californians to do their part to keep our state clean.

Future Potential Best Management Practices

- Caltrans has two (2) Gross Solids Removal Devices-Inclined Screen still under CCO (EA: 2750U4). There is one (1) Biofiltration Swale on Route 33 proposed to be constructed (EA: 295404).
- In addition to local anti-litter ordinances, Caltrans relies on Sections 23112, 23113, 23114, and 23115 of the Vehicle Code as legal authority to prevent spills, dumping or disposal of materials on the highways and freeways under its jurisdiction, as enforced by the California Highway Patrol.
    - Section 23112 states:

      No person shall throw or deposit, nor shall the registered owner or the driver, if such owner is not then present in the vehicle, aid or abet in the throwing or depositing upon any highway any bottle, can, garbage, glass, nail, offal, paper, wire, any substance likely to injure or damage traffic using the highway, or any noisome, nauseous, or offensive matter of any kind.

      No person shall place, deposit, or dump, or cause to be placed, deposited, or dumped, any rocks, refuse, garbage, or dirt in or upon any highway, including any portion of the right-of-way thereof, without the consent of the state or local agency having jurisdiction over the highway.

    - Section 23113 states:

      Any person who drops, dumps, deposits, places or throws, or causes or permits to be dropped, dumped, deposited, placed or thrown, upon any highway or street any material described in Section 23112 or in subdivision (d) of Section 23114 shall immediately remove the material or cause the material to be removed.

If the person fails to comply with subdivision (a), the governmental agency responsible for the maintenance of the street or highway on which the material has been deposited may remove the material and collect, by civil action, if necessary, the actual cost of the removal operation in addition to any other damages authorized by law from the person made responsible under subdivision (a).

- Section 23114 states (in pertinent part):

  No vehicle shall be driven or moved on any highway unless the vehicle is so constructed, covered, or loaded as to prevent any of its contents or load other than clear water or feathers from live birds from dropping, sifting, leaking, blowing, spilling, or otherwise escaping from the vehicle.

- Section 23115 of the Vehicle Code states (in pertinent part):

  No vehicle loaded with garbage, swill, cans, bottles, waste papers, ashes, refuse, trash, or rubbish, or any other noisome, nauseous, or offensive matter, or anything being transported to a dump site for disposal shall be driven or moved upon any highway unless the load is totally covered in a manner which will prevent the load or any part of the load from spilling or falling from the vehicle.

MFAC/BMP Program Evaluation and Revision Recommendations

The Trash TMDL requires the Responsible Parties to conduct "an evaluation of the effectiveness of the MFAC/BMP Program to prevent trash from accumulating in deleterious amounts that cause nuisance or adversely affect beneficial uses between collections." Under the previous MFAC/BMP Program and TMRP, the following steps were used to assess MFAC/ BMP Program effectiveness:

1. A review of BMP implementation, including identification of BMPs, location of BMPs, and time frame (e.g., when an activity was implemented or installed);
2. A comparison of monitoring results between monitoring locations and between events before and after BMP implementation; and
3. Comprehensive review and assessment of MFAC/BMP Program.

Overall, the non-point source MFAC/BMP Program is effectively addressing trash as none of the five monitoring were found to have Category 3 trash conditions (100+ pieces of trash). Category 1 trash conditions were observed during 70% of the MFAC Visual Assessment events and Category 2 trash conditions were observed during 30% of the MFAC Visual Assessment events. No modification for the MFAC/BMP program were identified as necessary based on the assessment results.

Appendix 1.

MFAC Program Site Descriptions

Appendix 1. MFAC Program Site Descriptions

Site 1 – Revolon Slough at Wood Road

This site consists of Revolon Slough and its adjacent land areas. It begins at the end of a concrete channel and includes the 100-foot downstream portion of Revolon Slough and the banks on both sides of the water body.

Distance Cleaned (SF): 41,900

GPS Coordinates:
Latitude: 34.169771
Longitude: -119.095591

Site 3a – Camarillo Hills Drain Outlet

This site begins at the upstream end of a drain outlet and includes the in-stream portions of the Camarillo Hills Drain and the banks on either side of the drain.

Distance Cleaned (SF): 306,240

GPS Coordinates:
Latitude: 34.215486
Longitude: -119.076388

Site 5 – Revolon Slough at Etting Road

This site begins at the downstream end of an agricultural drain that discharges into Revolon Slough and includes the in-stream portions of Revolon Slough as well as the land areas within the slough and the banks.

Distance Cleaned (SF): 6,212

GPS Coordinates:
Latitude: 34.161731
Longitude: -119.091460

Site 8 – Caltrans Site on U.S. 101 Freeway	
This site is located on the south side of U.S. 101 Freeway near Revolon Slough. The site begins at the end of the guard rail and ends at the fence surrounding Revolon Slough. Distance Cleaned (SF): 1,440 GPS Coordinates: Latitude: 34.221799 Longitude: -119.120400	

Site 10 – 5th Street Drain at Del Norte Blvd.	
This site is located within the 5th Street Drain near the intersection of Del Norte Boulevard and 5th Street. This site was added to the MFAC Program in July 2015. Distance Cleaned (SF): 4,256 GPS Coordinates: Latitude: 34.191006 Longitude: -119.107392	

Per approved TMRP - Addendum No. 2, monitoring and cleanups at Site 10 were discontinued in June 2021.

Appendix 2.

Example MFAC Event Photos

Appendix 2. Example MFAC Event Photos

Site 1 – Revolon Slough at Wood Road

Figure 1: Site 1 before a MFAC Event in December, 2020

Figure 2: Site 1 after a MFAC Event in December, 2020

Site 3a – Camarillo Hills Drain Outlet

Figure 3: Site 3a before a MFAC Event in February, 2021

Figure 4: Site 3a after a MFAC Event in February, 2021

Site 5 – Revolon Slough at Etting Road

Figure 5: Site 5 before a MFAC Event in June, 2021

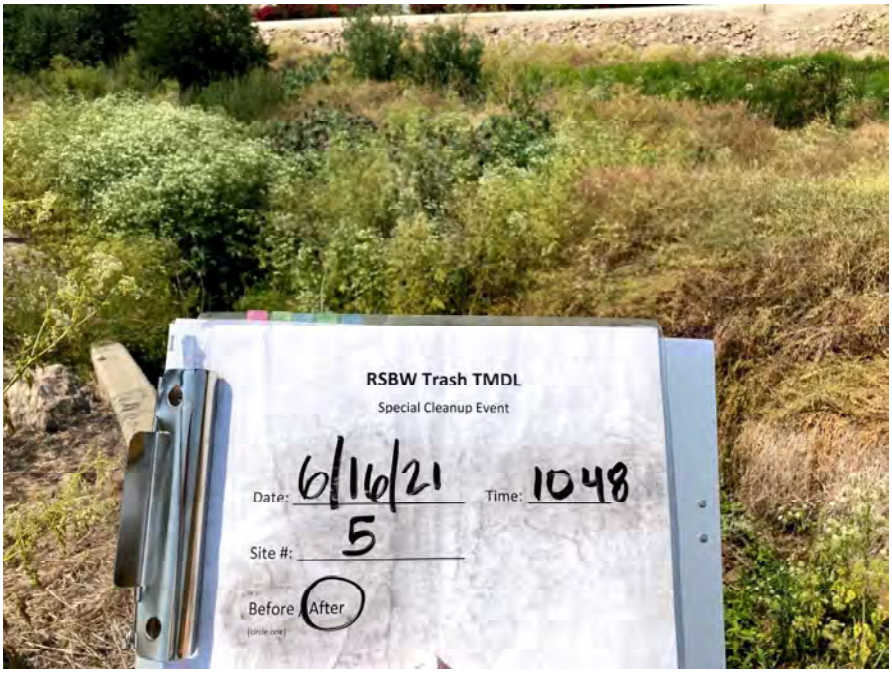

Figure 6: Site 5 after a MFAC Event in June, 2021

Site 8 – Caltrans Site on U.S. 101 Freeway

Figure 7: Site 8 before a MFAC Event in August, 2021

Figure 8: Site 8 after a MFAC Event in August, 2021

Site 10 – Revolon Slough at Del Norte Blvd.

Figure 9. Site 10 before a MFAC Event in April, 2021

Figure 10. Site 10 after a MFAC Event in April, 2021

Appendix 3.

Completed Visual Assessment Forms

Available at

https://countyofventuraca-my.sharepoint.com/:f:/g/personal/ewelina_mutkowska_ventura_org/ErugMxdAOEhFu2qlWlXkbssB-pF4abRGr824YohAmz6How?e=dIEpcF

Appendix 4.

Example Special Cleanup Event Photos

Appendix 4. Example Special Cleanup Event Photos

Figure 1. Site 1 before a Special Cleanup Event in November, 2020

Figure 2. Site 1 after a Special Cleanup Event in November, 2020

Figure 3. Site 3a before a Special Cleanup Event in December, 2020

Figure 4. Site 3a after a Special Cleanup Event in December, 2020

Figure 5. Site 5 before a Special Cleanup Event in February, 2021

Figure 6. Site 5 after a Special Cleanup Event in February, 2021

Figure 7. Site 8 before a Special Cleanup Event in May, 2021

Figure 8. Site 8 after a Special Cleanup Event in May, 2021

Figure 9. Site 10 before a Special Cleanup Event in April, 2021

Figure 11. Site 10 after a Special Cleanup Event in April, 2021

Appendix 5.

Stop Work Due to COVID-19 Notifications

Mutkowska, Ewelina

From: Mutkowska, Ewelina
Sent: Monday, December 14, 2020 3:33 PM
To: LB Nye; Zhu, Jun@Waterboards; Prescott, Alexander@Waterboards
Cc: Pratt, Jeff; Shephard, Glenn; Anselm, Arne; Lomeli, Emily; McGovern, Lucia; Jessica Ouellette; Jan Hauser; Badaoui Mouderres; Heather D'Anna; John Krist; Jodi Switzer; Pak, Shirley Y@DOT; Sunny.Liem@dot.ca.gov; Tan, Kevin@DOT; Joshi, Bhaskar@DOT; Mayar, Rohullah@DOT
Subject: Revolon Slough/Beardsley Wash Trash TMDL - Notification of covid-19 issue

Dr. Nye,

On behalf of Revolon Slough and Beardsley Wash (RS/BW) Trash TMDL Responsible Agencies, this is to notify you that our TMDL consultant, California Conservation Corps, has just informed us that due to covid-19 issue, they are unable to perform trash monitoring work scheduled for December 2020 in RS/BW subwatershed. At this point, it is not clear when CCC is able to resume their operations.

On such a short notice and due to covid-19 impacted operations of the Responsible Parties, we are unable to complete trash TMDL field work in December 2020. We are working on developing an alternative plan to complete future field work activities, hopefully starting in January 2021. We will keep you and your staff informed as we formulate our options and setup timelines.

If you have any questions or need further information, please contact me at (805) 645-1382.

Kind regards,

Ewelina Mutkowska, M.Sc.
Senior Stormwater Manager
Watershed Protection District

PUBLIC WORKS VENTURA COUNTY

800 S. Victoria Ave. / #1610
Ventura, CA 93009-1610
P: 805.645.1382 C: 805.765.5068
VCPWA Online | Facebook | Twitter

Mutkowska, Ewelina

From: Mutkowska, Ewelina
Sent: Tuesday, January 5, 2021 8:43 AM
To: LB Nye; Zhu, Jun@Waterboards; Prescott, Alexander@Waterboards
Cc: Pratt, Jeff; Shephard, Glenn; Anselm, Arne; Lomeli, Emily; McGovern, Lucia; Jessica Ouellette; Jan Hauser; Badaoui Mouderres; Heather D'Anna; John Krist; Jodi Switzer; Pak, Shirley Y@DOT; Sunny.Liem@dot.ca.gov; Tan, Kevin@DOT; Joshi, Bhaskar@DOT; Mayar, Rohullah@DOT
Subject: RE: Revolon Slough/Beardsley Wash Trash TMDL - Notification of covid-19 issue

Good Morning and Happy New Year

I'm pleased to inform you that our consultant, California Conservation Corps, is able to resume trash assessment and cleanups per Revolon Slough/Beardsley Wash Trash TMDL in January 2021.

Best, Ewelina

Ewelina Mutkowska, M.Sc.
Senior Stormwater Manager
Watershed Protection

PUBLIC WORKS VENTURA COUNTY
800 S. Victoria Ave. / #1610
Ventura, CA 93009-1610
P: 805.645.1382 C: 805.765.5068
VCPWA Online | Facebook | Twitter

From: Mutkowska, Ewelina
Sent: Monday, December 14, 2020 3:33 PM
To: LB Nye <lb.nye@waterboards.ca.gov>; Zhu, Jun@Waterboards <Jun.Zhu@waterboards.ca.gov>; Prescott, Alexander@Waterboards <Alexander.Prescott@Waterboards.ca.gov>
Cc: Pratt, Jeff <Jeff.Pratt@ventura.org>; Shephard, Glenn <Glenn.Shephard@ventura.org>; Anselm, Arne <Arne.Anselm@ventura.org>; Lomeli, Emily <Emily.Lomeli@ventura.org>; McGovern, Lucia <lmcgovern@cityofcamarillo.org>; Jessica Ouellette <jessicaouellette@caaprofessionals.com>; Jan Hauser <jan.hauser@oxnard.org>; Badaoui Mouderres <badaoui.mouderres@oxnard.org>; Heather D'Anna <heather.d'anna@oxnard.org>; John Krist <john@farmbureauvc.com>; Jodi Switzer <jodi@farmbureauvc.com>; Pak, Shirley Y@DOT <shirley.pak@dot.ca.gov>; Sunny.Liem@dot.ca.gov; Tan, Kevin@DOT <Kevin.Tan@dot.ca.gov>; Joshi, Bhaskar@DOT <bhaskar.joshi@dot.ca.gov>; Mayar, Rohullah@DOT <Rohullah.Mayar@dot.ca.gov>
Subject: Revolon Slough/Beardsley Wash Trash TMDL - Notification of covid-19 issue

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If you have any questions or need further information, please contact me at (805) 645-1382.

Kind regards,

Ewelina Mutkowska, M.Sc.
Senior Stormwater Manager
Watershed Protection District

PUBLIC WORKS
VENTURA COUNTY

800 S. Victoria Ave. / #1610
Ventura, CA 93009-1610
P: 805.645.1382 C: 805.765.5068
VCPWA Online | Facebook | Twitter

Appendix 6.

City of Camarillo and County of Ventura Catch Basin Cleaning Photos

Figure 1: Catch basin prior to cleaning (City of Camarillo catch basin)

Figure 2: Cleaned catch basin (City of Camarillo catch basin)

Figure 3: Catch basin prior to cleaning (County of Ventura catch basin)

Figure 4: Cleaned catch basin (County of Ventura catch basin)