

DeltaKeeper Incident Report Form

1. Incident Name Avena Drain - Van Allen Incident# 4/7/98
2. Investigator (DeltaKeeper and/or other) R. Pfeilen D. Wagner K. Morgan R. Kirsch

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
4. Report / Update Received: Date 4/7/98; Time 10:40; By DK
5. How Received: Phone ☐; Radio ☐; Mail ☐; Patrol ☒; Other ☐
6. Type of Incident (Check One): Oil ☐; Dredging/Dumping ☐; Sewage ☐; Hazardous Material ☐; Air ☐; Illegal Fill ☐; Fish/Wildlife ☐; Multiple Causes ☐; Commercial Shipping ☐; Other ☐
(Describe): Dairy discharge

7. Agencies Contacted (and Contact Names): Louis Pratt CURWQCB

LOCATION

8. General Location (Give name of river, slough, island, etc.) Avena Drain at Van Allen Rd

9. City or Landmark: Escalon

10. Precise Location (i.e. Latitude and longitude) Van Allen Rd - Ditch from Revisser dairy field runoff into ditch along Van Allen Rd. flows into Avena Drain

DETAILS OF INCIDENT

(over for specifics)

11. Readings taken on Van Allen at Avena Drain 795 EC - dk brn color - ditch from N flowing into it. had reading at confluence of 1433 EC for ditch water only - followed ditch N to determine source of water - saw water running off field in two locations - standing water on field was source for runoff. Reading and sample taken at lower discharge point 3/85 EC. Sludge was so thick it clogged equipment.

RESOLUTION

12. _____

DeltaKeeper Dairy Monitoring Project

Date: 4/7/98

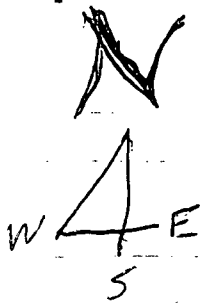
Sampling Team: 1) D. Wagner 2) K. Morgan 3) R. Pfeiffer

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
JACK TONE A-1	9:40	13.1	1694	130.7	7.2	expresso	y/n
Vander Schaff A-Murphy	10:05	11.9	843	630	6.9	1+ muddy	y/n
A Murphy West side corner pipe	10:12	12.2	919	700	7.1	med. brn	y/n
Ditch A-Carralton	10:25	13.0	420.8	325.7	7.1	1+ muddy	y/n
R. Kirk A-Carralton	10:30	14.5	1006	805	6.4	dk muddy	y/n

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Photos #9, 78 A-Robinson	10:35	14.8	1497	1245	6.1	dk brn	y/n
Photos 9, 10 (see map) A-Robinson	10:37	14.9	1028	829	6.4	dk brown	y/n
Photos Box 11, 12 A-Robinson	10:40	17.3	4933	420.2	7.2		y/n
Flow N-ditch A-Van Allen	10:45	15.9	1735	1433	5.0	greenish pea soup	y/n
Drain A-Van Allen	10:45	16.5	949	795	5.6	dk brown	y/n

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Van Allen A-Ditch above discharge		17.4	170.1	145.6	5.1	1+ muddy	y/n
Van Allen A-Ditch at discharge	11:00	13.7	3399	3185	5.1	dk thick brown	y/n
L-Steingull	12:30	16.4	305.0	249.2			y/n
							y/n
							y/n

916-255-3110



Sample taken

$\frac{170}{145}$

photos 25, 1, 2, 3

Field run-off

$\frac{3399}{3185}$

photos 23, 24

Van Allen

De Visser's Farm fields

Farm Ditch

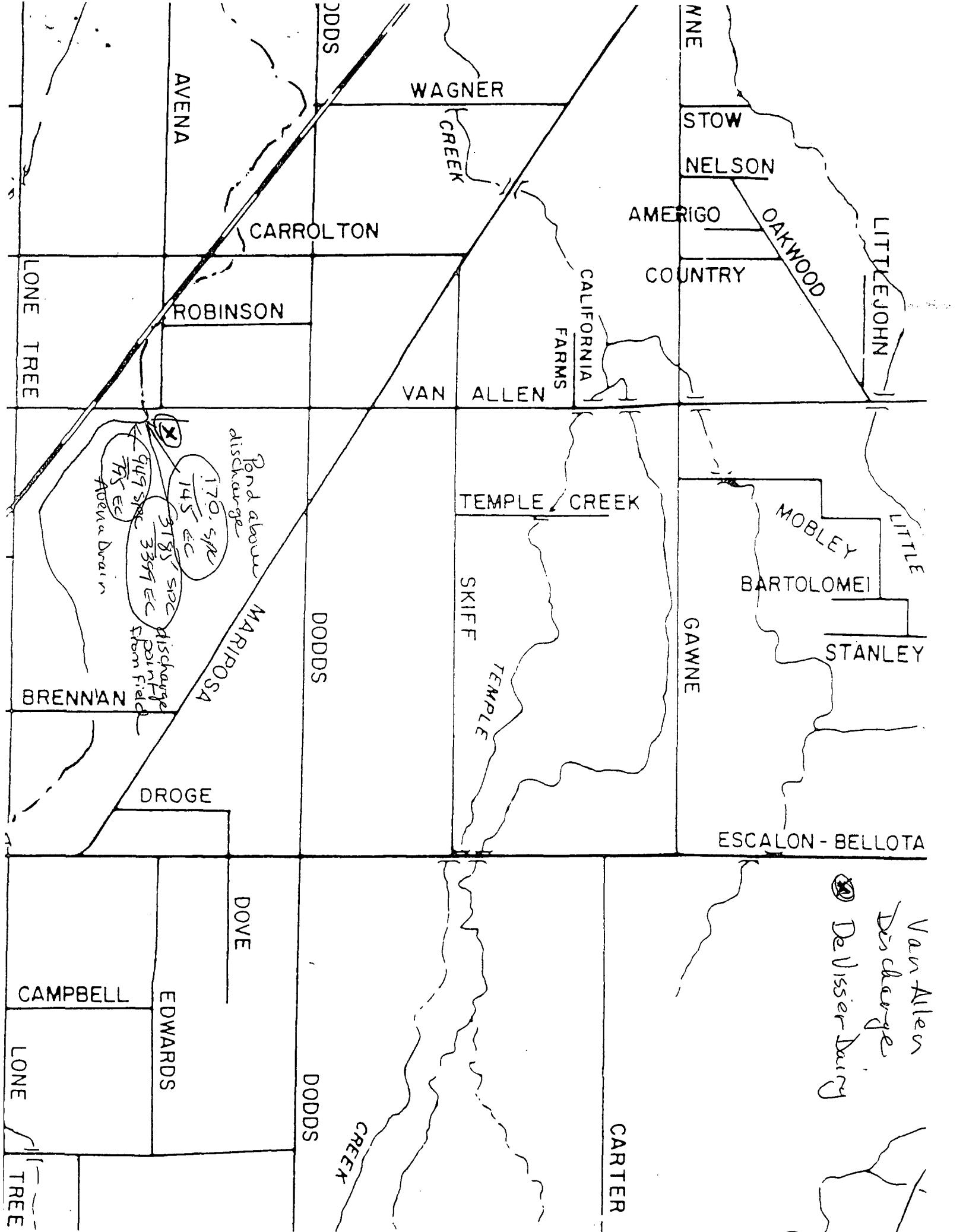
Sample taken

Aven Drain

$\frac{1735}{1433}$ photos 20, 21

$\frac{949}{795}$ Sample reading taken

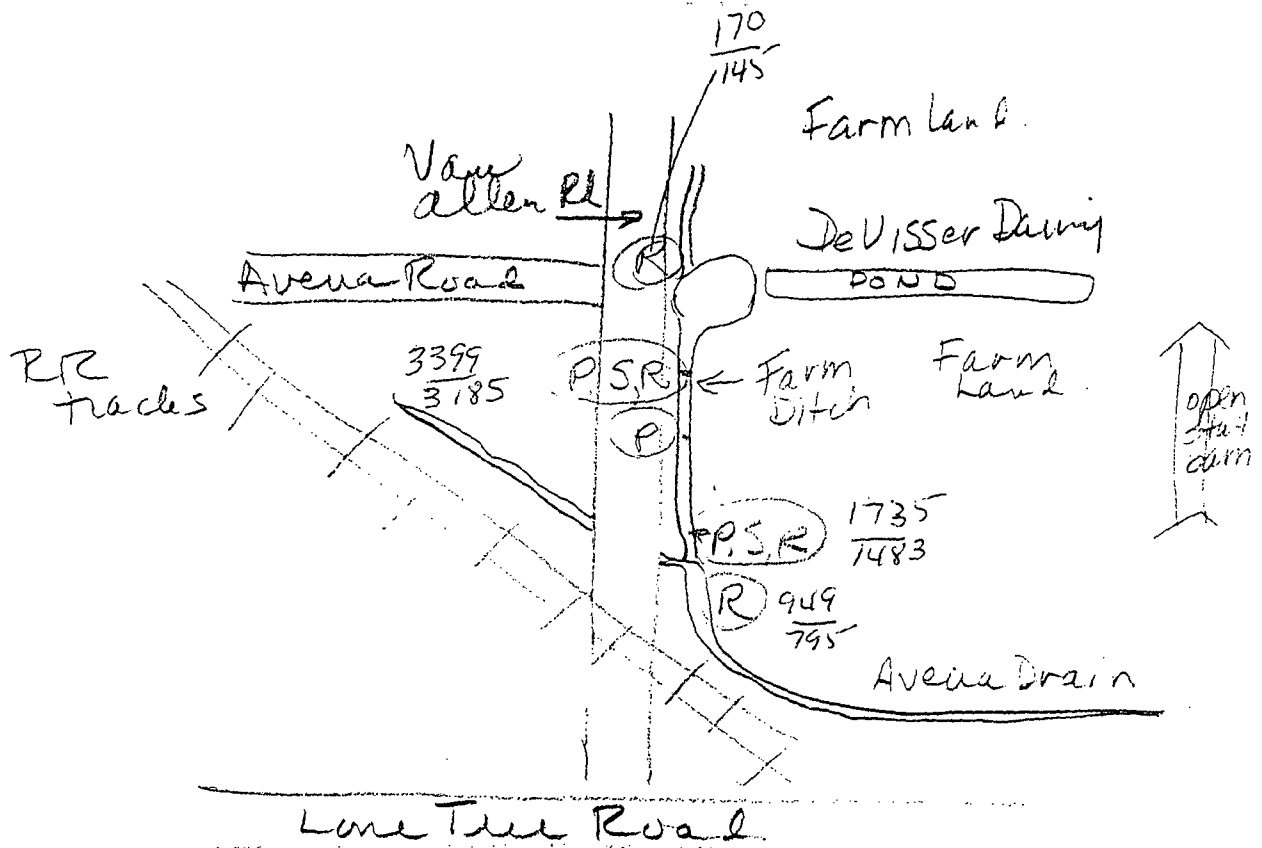
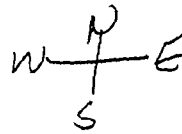
Aven Drain



Van Allen
Discharge
De Visser Dam

Pond above
discharge
170.5 AC
145 EC
3185 SPOC
3397 EC
discharge
from field
Avena Drain
947 SPOC
75 EC

Sampling Site Van Allen Rd. Escalon



P - picture
S - sample
R - ready

DeltaKeeper Incident Report Form

1. Incident Name Avena Robinson Incident# 4/7/98
2. Investigator (DeltaKeeper and/or other) R. Pfeifer, J. Wagner, K. Morgan,
R. Kern

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
4. Report / Update Recieved: Date 4/7/98; Time 10:35; By D/K
5. How Recieved: Phone ☐; Radio ☐; Mail ☐; Patrol ☒; Other ☐
6. Type of Incident (Check One): Oil ☐; Dredging/Dumping ☐; Sewage ☐; Hazardous Material ☐;
Air ☐; Illegal Fill ☐; Fish/Wildlife ☐; Multiple Causes ☐; Commercial Shipping ☒; Other ☐
(Describe): dairy discharge

7. Agencies Contacted (and Contact Names): Louis Pratt CURWPCB

LOCATION

8. General Location (Give name of river, slough, island, etc.) Avena Drain at Robinson Rd

9. City or
Landmark: Escalon

10. Precise Location (i.e. Latitude and
longitude) Avena Rd. at Robinson Rd. on south side of Avena Rd.

DETAILS OF INCIDENT

(over for specifics)

11. Discovered Corral run-off trickling in to Avena Drain. 1245EC
Read the pond, the water going into Avena Drain 1245EC and
4202EC
The Avena Drain 829 EC into which corral water was flowing.

RESOLUTION

12. _____

DeltaKeeper Dairy Monitoring Project

Dat. 4/7/98

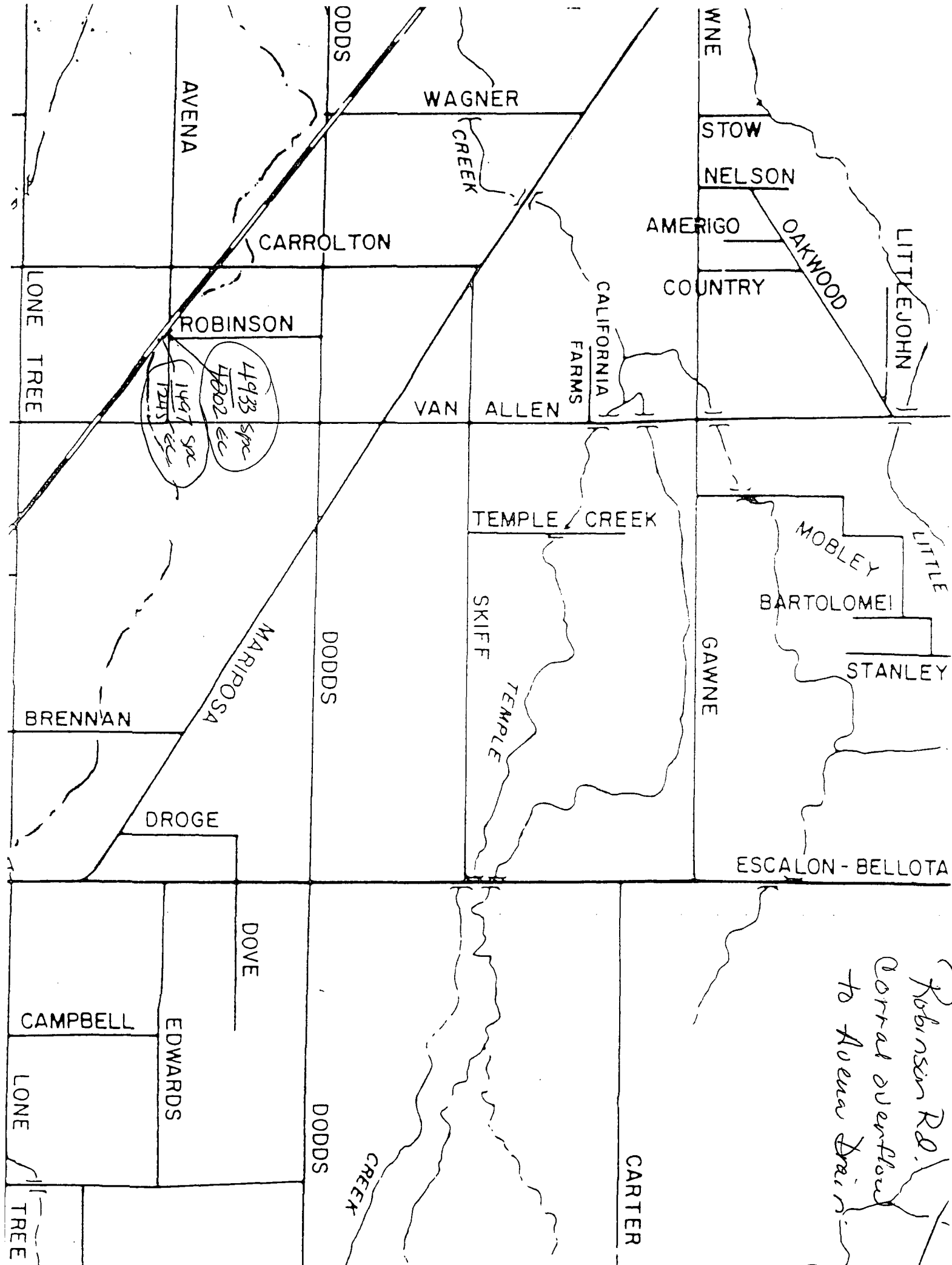
Sampling Team: 1) D. Wagner 2) K. Morgan 3) R. Pfeiffer

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
JACKSTONE A-1	9:40	13.1	1694	1307	7.2	expresso	y/n
Vander schaff A-Murphy	10:05	11.9	843	630	6.9	1+ muddy	y/n
A Murphy West side corner pipe	10:12	12.2	919	700	7.1	med. brn	y/n
Ditch A-Carrollton	10:25	13.0	420.8	325.7	7.1	1+ muddy brn	y/n
R. Kirk A-Carrollton	10:30	14.5	1006	805	6.4	dk muddy	y/n

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Photos # 6, 7, 8 A-Robinson	10:35	14.8	1497	1245	6.1	dk brn	y/n
Photos 9, 10, 11 (see map) A-Robinson	10:37	14.9	1028	829	6.4	dk brown	y/n
Photos 11, 12 A-Robinson	10:40	17.3	4933	4202	7.2		y/n
Flow N-ditch A-VanAllen	10:45	15.9	1735	1433	5.0	greenish pea soup	y/n
Drain A-VanAllen	10:45	16.5	949	795	5.6	dk brown	y/n

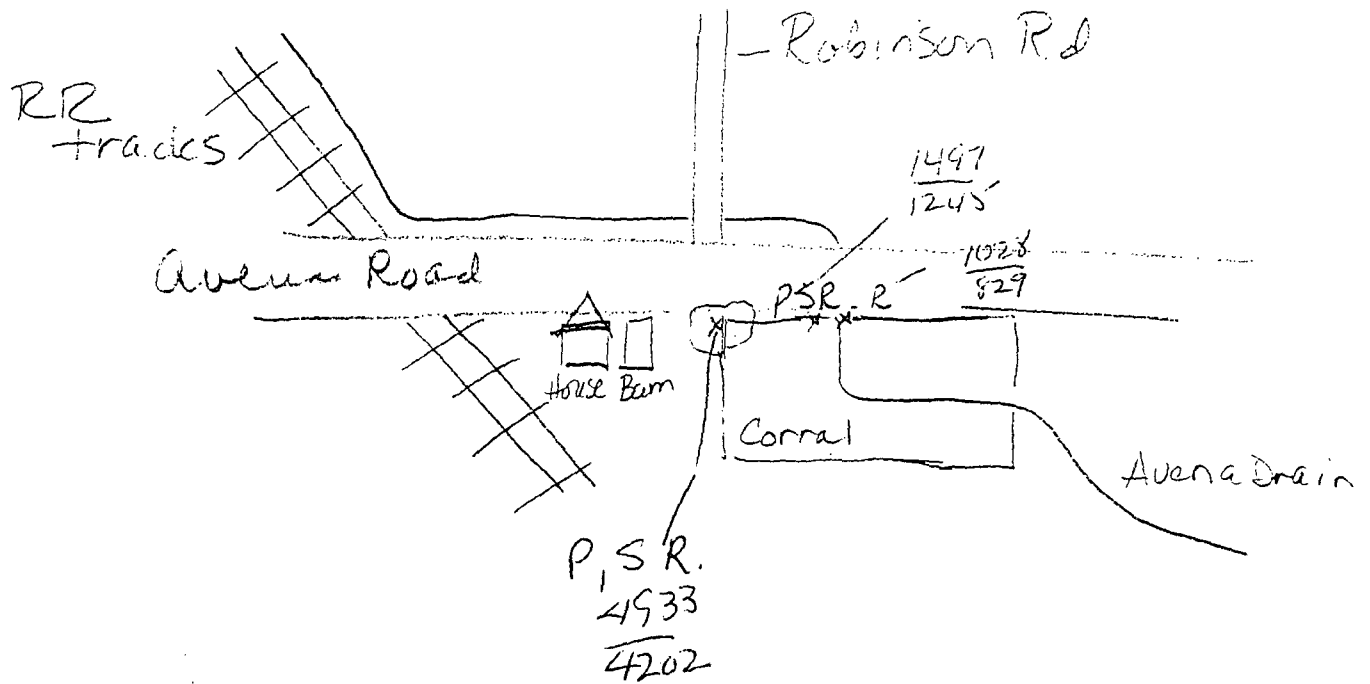
Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Van Allen A-Ditch above discharge	17.4	170.1	1456	5.1	it muddy	y/n	
Van Allen Ditch at discharge	13.7	3399	3185	5.1	dk brown	y/n	
L-Stenguel	12:30	15.4	305.0	249.2			y/n
							y/n
							y/n
							y/n

516-255-3110



Robinson Rd.
Corner overlook
to Avena Drain

Sampling Site Avena Rd. at Robinson Escalante



P - picture
S - sample
R - reading

DeltaKeeper Incident Report Form

1. Incident Name Avena-Murphy (Van der Schaaf) Incident# 4/7/98
2. Investigator (DeltaKeeper and/or other) R Pfeifer, D Wagner, K. Morgan
R. KIL

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
4. Report / Update Recieved: Date 4/7/98 Time 9:40; By DK
5. How Recieved: Phone ☐; Radio ☐; Mail ☐; Patrol ☒; Other ☐
6. Type of Incident (Check One): Oil ☐; Dredging/Dumping ☐; Sewage ☐; Hazardous Material ☐;
Air ☐; Illegal Fill ☐; Fish/Wildlife ☐; Multiple Causes ☐; Commercial Shipping ☐; Other Dairy discharge
(Describe): _____

7. Agencies Contacted (and Contact Names): Louis Pratt CURWCB

LOCATION

8. General Location (Give name of river, slough, island, etc.) Avena Drain between
Jack Tone Rd and Murphy Rd

9. City or
Landmark: Escalon

10. Precise Location (i.e. Latitude and
longitude) _____

DETAILS OF INCIDENT

(over for specifics)

11. Read 1307 EC at Jack Tone Followed it to Murphy Rd.
Read eastside of drain at 630 EC. Van der Schaaf dairy is the
only dairy between Murphy and JackTone Rd. on west side.
Road. It is higher on drain past the VanderSchaaf dairy
at 630 east of dairy, EC 700 at eastside of Murphy on south corner
goes along south side, private property reaches JackTone at EC 1307

RESOLUTION

12. _____

DeltaKeeper Dairy Monitoring Project

4/7/98

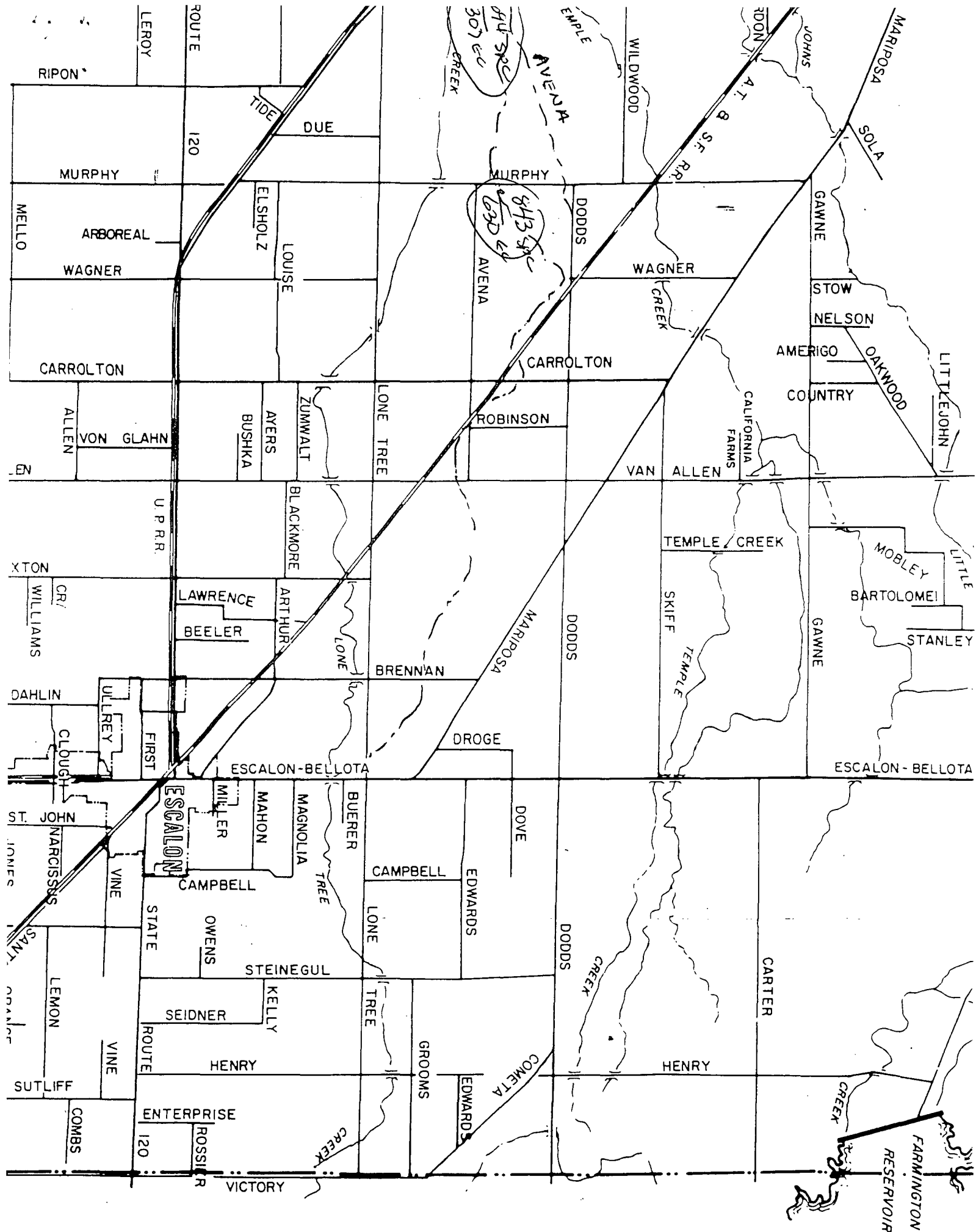
Sampling Team: 1) D. Wagner 2) K. Morgan 3) R. Pfeiffer

Site	Time	Temp	SpC	CND/EC	pH	water color
JACKSTONE A-1	9:40	13.1	1694	130.7	7.2	expresso
Vander schaff A-Murphy	10:05	11.9	843	630	6.9	1+ muddy
A Murphy Westside corner pipe	10:12	12.2	919	700	7.1	med. brn
Ditch A-Carralton	10:25	13.0	420.8	325.7	7.1	1+ muddy brn
R. Kirk A-Carralton	10:30	14.5	1006	805	6.4	dk muddy

Site	Time	Temp	SpC	CND/EC	pH	water color
Photos # 6, 7, 8 Sloop South A-Robinson	10:35	14.8	1497	1245	6.1	dk brn
Photos 9, 10 (see map) A-Robinson	10:37	14.9	1028	829	6.4	dk brown
Photos 11, 12 Box 2 A-Robinson	10:40	17.3	4933	420.2	7.2	
Flow N-ditch A-VanAllen	10:45	15.9	1735	1433	5.0	greenish pea soup
Drain A-VanAllen	10:45	16.5	949	795	5.6	dk brown

Site	Time	Temp	SpC	CND/EC	pH	water color
Van Allen A-Ditch above discharge	11:00	13.7	3399	3185	5.1	1+ muddy
Van Allen Ditch at discharge	11:00	13.7	3399	3185	5.1	dk brown
L-Stenzel	12:30	15.4	305.0	249.2		

916-255-3110



N

W E
5

R
843
1630

Avenue Dran

Photo #9

Vander Schaaf Dring

Murphy Rd

Avenue Dran

Jackline #2
1694
1307

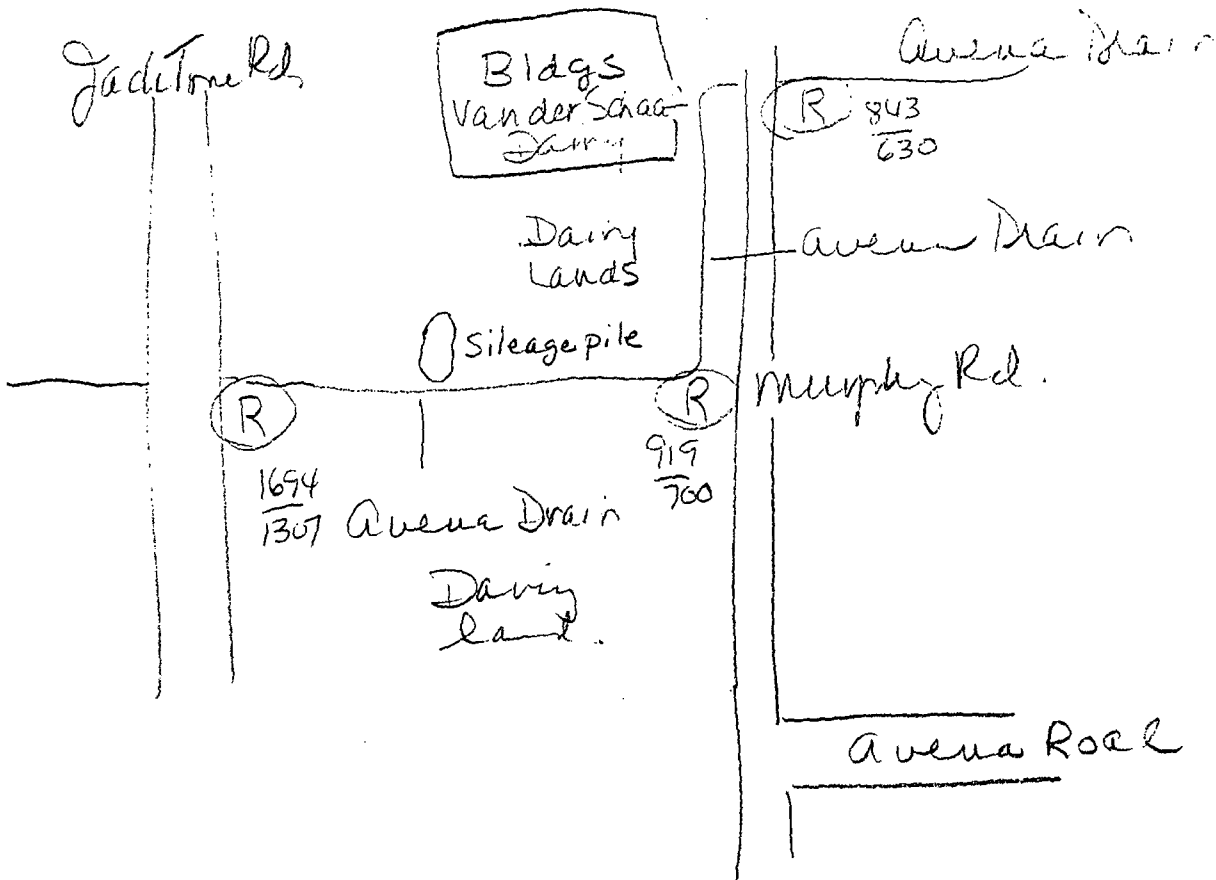
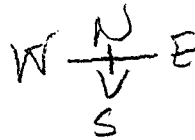
919
900.

Photo #10

Sampling Site

Murphy Rd.

Escalon



P - picture
 S - sample
 R - ready

DeltaKeeper Incident Report Form

1. Incident Name Avena Drain Incident# 4-5-98
2. Investigator (DeltaKeeper and/or other) Roy Pfeifer, Martin Olney

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
4. Report / Update Received: Date 4/5/98; Time 14:30; By R. Pfeifer
5. How Received: Phone ☐; Radio ☐; Mail ☐; Patrol ☒; Other ☐
6. Type of Incident (Check One): Oil ☐; Dredging/Dumping ☐; Sewage ☐; Hazardous Material ☐;
Air ☐; Illegal Fill ☐; Fish/Wildlife ☐; Multiple Causes ☐; Commercial Shipping ☐; Other Dairy waste
(Describe): discharge to Avena Drain

7. Agencies Contacted (and Contact Names):

LOCATION

8. General Location (Give name of river, slough, island, etc.) Avena Drain between
JackTone Rd. and Brennan Rd.

9. City or
Landmark: Escalon

10. Precise Location (i.e. Latitude and
longitude)

DETAILS OF INCIDENT

(over for specifics)

11. Discovered high EC readings at JackTone 1297EC
pursued upstream and found high reading at Murphy Rd
1722 EC - high readings found upstream at Carrahton 1735 EC
and 1749 EC at South side Avena Rd/Robinson. Readings
dropped to 1238 at Van Allen Rd. and 332 EC at Brennan Rd.
indicating multiple dairies adding to drain between
Brennan and Murphy Rd. No point source could be determined

RESOLUTION

12.

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DeltaKeeper Dairy Monitoring Project

Date: 4-5-98

Sampling Team: 1) R. Pfeiffer 2) MARTIN OLNEY 3) _____

Site	<u>A-1</u>	Site	<u>A-1A</u>	Site	<u>A-2A</u>	Site	<u>A-2AN</u>	Site	<u>A-2B</u>
Time	<u>2:30</u>	Time	<u>2:45</u>	Time	<u>3:00</u>	Time	<u>3:05</u>	Time	<u>3:10</u>
Temp	<u>21.9</u>	Temp	<u>21.0</u>	Temp	<u>25.9</u>	Temp	<u>20.4</u>	Temp	<u>26.2</u>
SpC	<u>1380</u>	SpC	<u>1870</u>	SpC	<u>1671</u>	SpC	<u>585</u>	SpC	<u>1713</u>
CND/EC	<u>1297</u>	CND/EC	<u>1722</u>	CND/EC	<u>1735</u>	CND/EC	<u>528</u>	CND/EC	<u>1749</u>
pH	<u>7.5</u>	pH	<u>7.7</u>	pH	<u>7.8</u>	pH	<u>7.8</u>	pH	<u>7.8</u>
water color	_____	water color	_____	water color	_____	water color	_____	water color	_____
sample	y/n	sample	y/n	sample	y/n	sample	y/n	sample	y/n

Site	<u>A-3</u>	Site	<u>A-4</u>	Site	<u>A-4</u>	Site	_____	Site	_____
Time	<u>3:20</u>	Time	<u>3:30</u>	Time	<u>3:35</u>	Time	_____	Time	_____
Temp	<u>27.6</u>	Temp	<u>20.5</u>	Temp	<u>22.6</u>	Temp	_____	Temp	_____
SpC	<u>1180</u>	SpC	<u>368.0</u>	SpC	<u>348.5</u>	SpC	_____	SpC	_____
CND/EC	<u>1235</u>	CND/EC	<u>341.5</u>	CND/EC	<u>332.4</u>	CND/EC	_____	CND/EC	_____
pH	<u>7.8</u>	pH	<u>7.5</u>	pH	<u>7.5</u>	pH	_____	pH	_____
water color	_____	water color	_____	water color	_____	water color	_____	water color	_____
sample	y/n	sample	y/n	sample	y/n	sample	y/n	sample	y/n

Site	<u>L-3</u>	Site	<u>L-4</u>	Site	_____	Site	_____	Site	_____
Time	<u>3:50</u>	Time	<u>4:00</u>	Time	_____	Time	_____	Time	_____
Temp	<u>18.6</u>	Temp	<u>18.4</u>	Temp	_____	Temp	_____	Temp	_____
SpC	<u>207.0</u>	SpC	<u>216.0</u>	SpC	_____	SpC	_____	SpC	_____
CND/EC	<u>181.9</u>	CND/EC	<u>187.3</u>	CND/EC	_____	CND/EC	_____	CND/EC	_____
pH	_____	pH	_____	pH	_____	pH	_____	pH	_____
water color	_____	water color	_____	water color	_____	water color	_____	water color	_____
sample	y/n	sample	y/n	sample	y/n	sample	y/n	sample	y/n

DeltaKeeper Incident Report Form

1. Incident Name Avena Drain - Robinson Rd Incident# 3/25/98
2. Investigator (DeltaKeeper and/or other) D. Wagner, R. Pfeifer, R. Kirk

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
4. Report / Update Received: Date 3/25/98; Time 10:47; By above investigators.
5. How Received: Phone ☐; Radio ☐; Mail ☐; Patrol ☒; Other ☐
6. Type of Incident (Check One): Oil ☐; Dredging/Dumping ☐; Sewage ☐; Hazardous Material ☐;
Air ☐; Illegal Fill ☐; Fish/Wildlife ☐; Multiple Causes ☐; Commercial Shipping ☐; Other ☐
(Describe): Dirty Discharge

7. Agencies Contacted (and Contact Names): Louis Pratt, DFG, OES

LOCATION

8. General Location (Give name of river, slough, island, etc.) Avena Rd at Robinson
Avena Drain south side of Avena Rd

9. City or
Landmark: N. of Escalon

10. Precise Location (i.e. Latitude and
longitude) _____

DETAILS OF INCIDENT

(over for specifics)

11. Read 3705 spc coming from flooded corral flowing
3210 EC into Avena Drain.

RESOLUTION

12. Farmer pulled up in truck (Bill) asked how the water was -
was told of the high reading from his corral - he got out
a shovel and piled up some earth into a small berm to
prevent flow from going into Avena Drain - said he was going
to talk to Louis Pratt re: all the work he needed to do.

Escalon

3/25/98
CC: Dept Fish Game
OES
Louis Pratt

Penoff from Corral
into Avena Drain

1569
268
1085 SPC
874 EC
1296 SPC
1085 EC
3705
3210
1225 SPC
1050 EC
1193 SPC
1100 EC

ROUTE 120

ESCALON

DeltaKeeper Dairy Monitoring Project

D : 3/25/98

Sampling Team: 1) D. Wagner 2) R. Pfeifer 3) R. Kirk

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Jack Tone A-1	9:58	15.0	1569	1268	7.3	lt. muddy brown	y/n
Site	Time	Temp	SpC	CND/EC	pH	water color	sample
0 murphy Rd - E	10:09	14.9	1085	874	6.6	lt. muddy brown	y/n
Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Carrollton Rd East	10:30	16.4	1296	1085	6.6	Espresso brown lt. muddy brown in ditch	y/n
Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Carrollton Rd East-ditch	10:36	16.1	527	438	6.5	lt. muddy brown	y/n
Site	Time	Temp	SpC	CND/EC	pH	water color	sample
Robinson at Avera Rd South side	10:40	17.5	1225	1050	6.5	Espresso	y/n

Note: Van der Schaaf

Note: Van der Schaaf ^{Plot #12}
darry is betw. Suckstone and Peeping

Site	Van Allen	Site	Van Allen	Site	Brennan	Site	North Side	Site	Robinson at
E-ditch		confluence of ditch				Robinson Avenue		Avena Rd. South	
Time	11:12	Time	11:15	Time		Time	10:55	Time	10:47
Temp	20.4	Temp	20.9	Temp	18.1	Temp	17.7	Temp	17.9
SpC	403.7	SpC	1193	SpC	1665	SpC	1215	SpC	3705
CND/EC	370.1	CND/EC	1100.	CND/EC	1442	CND/EC	1045	CND/EC	3210
pH	7.4	pH	7.4	pH	8.9	pH	7.1	pH	7.5
water color	lt muddy	water color	dk espresso	water color	coffee brn.	water color	med muddy brown	water color	dk espresso.
sample	Pict. # 25 y/n	sample	Pict. # 1+2 y/n	sample	y/n	sample	y(n)	sample	y/n
			(Pict. #3 → Avenue Drain going by VanderMeer Dairy)						B; 11 - farmer shoveled runoff closed to Avena Dr

Site	_____	Site	_____	Site	_____	Site	_____	Site	_____
Time	_____	Time	_____	Time	_____	Time	_____	Time	_____
Temp	_____	Temp	_____	Temp	_____	Temp	_____	Temp	_____
SpC	_____	SpC	_____	SpC	_____	SpC	_____	SpC	_____
CND/EC	_____	CND/EC	_____	CND/EC	_____	CND/EC	_____	CND/EC	_____
pH	_____	pH	_____	pH	_____	pH	_____	pH	_____
water color	_____	water color	_____	water color	_____	water color	_____	water color	_____
sample	y / n	sample	y / n	sample	y / n	sample	y / n	sample	y / n

Murphy Rd

Vander Schaaf dam

R Avenue

↑
#12 D

Avenue Rd at Robinson

Pipes under road at

R₁ +

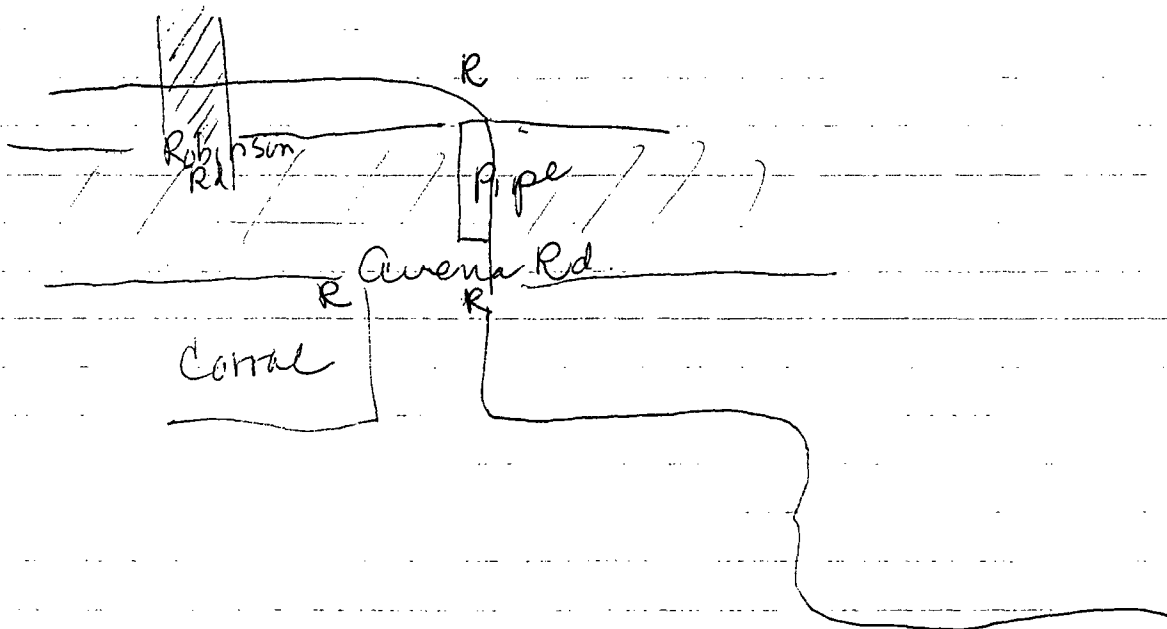
16, 17,
P18

Avenue Rd

P19

R

Robinson



DeltaKeeper Incident Report Form

1. Incident Name Avena Drain / Jack Tone Incident# 3/18/98
 2. Investigator (DeltaKeeper and/or other)

GENERAL

3. Type of Report (Check one): Initial ☒ Followup ☐
 4. Report / Update Received: Date _____; Time _____; By _____
 5. How Received: Phone _____; Radio _____; Mail _____; Patrol _____; Other _____
 6. Type of Incident (Check One): Oil _____; Dredging/Dumping _____; Sewage _____; Hazardous Material _____;
 Air _____; Illegal Fill _____; Fish/Wildlife _____; Multiple Causes _____; Commercial Shipping _____; Other Dam Discharge
 (Describe): High Readings (E.C.)

7. Agencies Contacted (and Contact Names): _____

LOCATION

8. General Location (Give name of river, slough, island, etc.) A-1 Avena Drain Jack Tone, A-2 Avena Drain - Murphy Rd, A-3

9. City or Landmark: Escalon Area

10. Precise Location (i.e. Latitude and longitude) _____

DETAILS OF INCIDENT

11. A-1 (over for specifics)
EC - 1805 A-2 (upstream) A2a Carleton A2b Robinson

SPC - 2463	EC - 1089	EC - 1617	EC - 1603
PH - 8.7	SPC - 1411	SPC - 1666	SPC - 1721
Temp - 12.0°C	PH - 6.2	PH - 7.0	PH - 6.8
	Temp - 13.0	Temp - 23.4	Temp - 21.3
Sample Taken	Sample Taken	Farmer has installed a drain control gate	

12. A-3 SEAST A-3 WEST RESOLUTION Details Cont'd

<u>EC - 2981</u>	<u>EC - 2876</u>	<u>EC - 3137</u>	<u>EC - 2406</u>
<u>SPC - 2934</u>	<u>SPC - 2917</u>	<u>SPC - 3392</u>	<u>SPC - 3236</u>
<u>PH - 7.5</u>	<u>PH - 7.3</u>	<u>PH - 7.5</u>	<u>PH - 6.2</u>
<u>Temp - 25.6</u>	<u>Temp - 24.2</u>	<u>Temp - 20.8</u>	<u>TEMP - 11.9</u>
		<u>Sample Taken</u>	<u>SAMPLE TAKEN</u>

DeltaKeeper Dairy Monitoring Project

3-18-98

Sampling Team:

1) D. Wagner 2) R. Kirk 3) K. Morgan
R. Pfeifer Gander Schaefer

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
<u>T-1</u>	<u>9:55</u>	<u>13.2°</u>	<u>291</u>	<u>228</u>	<u>8.9</u>	<u>Slimy Brown</u>	<u>y/n</u>
<u>A-1</u>	<u>10:10</u>	<u>12.0°</u>	<u>2463</u>	<u>1805</u>	<u>8.7</u>	<u>Slimy green & Brown</u>	<u>y/n</u>
<u>L-1</u>	<u>10:20</u>	<u>13.8</u>	<u>992</u>	<u>785</u>	<u>6.6</u>	<u>Slimy Brown</u>	<u>y/n</u>
<u>L-2</u>	<u>10:35</u>	<u>16.8</u>	<u>595</u>	<u>497</u>	<u>7.5</u>	<u>Cappacino</u>	<u>y/n</u>
<u>A-2</u>	<u>10:40</u>	<u>13.0</u>	<u>1411</u>	<u>1089</u>	<u>6.2</u>	<u>Brown & Green Slim</u>	<u>y/n</u>

note: 21-25 photos. #1,2,3

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
<u>A-2 West</u>	<u>10:44</u>	<u>14.2</u>	<u>1318</u>	<u>1046</u>	<u>5.0</u>	<u>Bin & Grn</u>	<u>y/n</u>
<u>A2-a</u>	<u>11:00</u>	<u>23.4</u>	<u>1166</u>	<u>1617</u>	<u>7.0</u>	<u>LGHT. COFFEE</u>	<u>y/n</u>
<u>A2-b</u>	<u>11:12</u>	<u>21.3</u>	<u>1721</u>	<u>1603</u>	<u>6.8</u>	<u>Thick Choc. Brown</u>	<u>y/n</u>
<u>A-3</u>	<u>11:17</u>	<u>24.2</u>	<u>2917</u>	<u>2876</u>	<u>7.3</u>	<u>Thick Choc. Foamy</u>	<u>y/n</u>
<u>A-3 EAST</u>	<u>11:20</u>	<u>23.6</u>	<u>2934</u>	<u>2981</u>	<u>7.5</u>	<u>coffee/foam</u>	<u>y/n</u>

photo #6

Site	Time	Temp	SpC	CND/EC	pH	water color	sample
<u>Van Allen Ditch EAST SIDE</u>	<u>11:23</u>	<u>20.8</u>	<u>3392</u>	<u>3131</u>	<u>7.5</u>	<u>Milk Choc. / solids</u>	<u>y/n</u>
<u>Brennan Rd. A-4</u>	<u>11:45</u>	<u>11.9</u>	<u>3236</u>	<u>2406</u>	<u>6.2</u>	<u>Thick COFFEE</u>	<u>y/n</u>

photo #23,24,25

11,12,13,14
15,16,17,18,19
(20-22) down road

DeltaKeeper

3536 Rainier Ave., Stockton, CA 95204
(209) 464-5090, Fax (209) 464-5174

MEMORANDUM

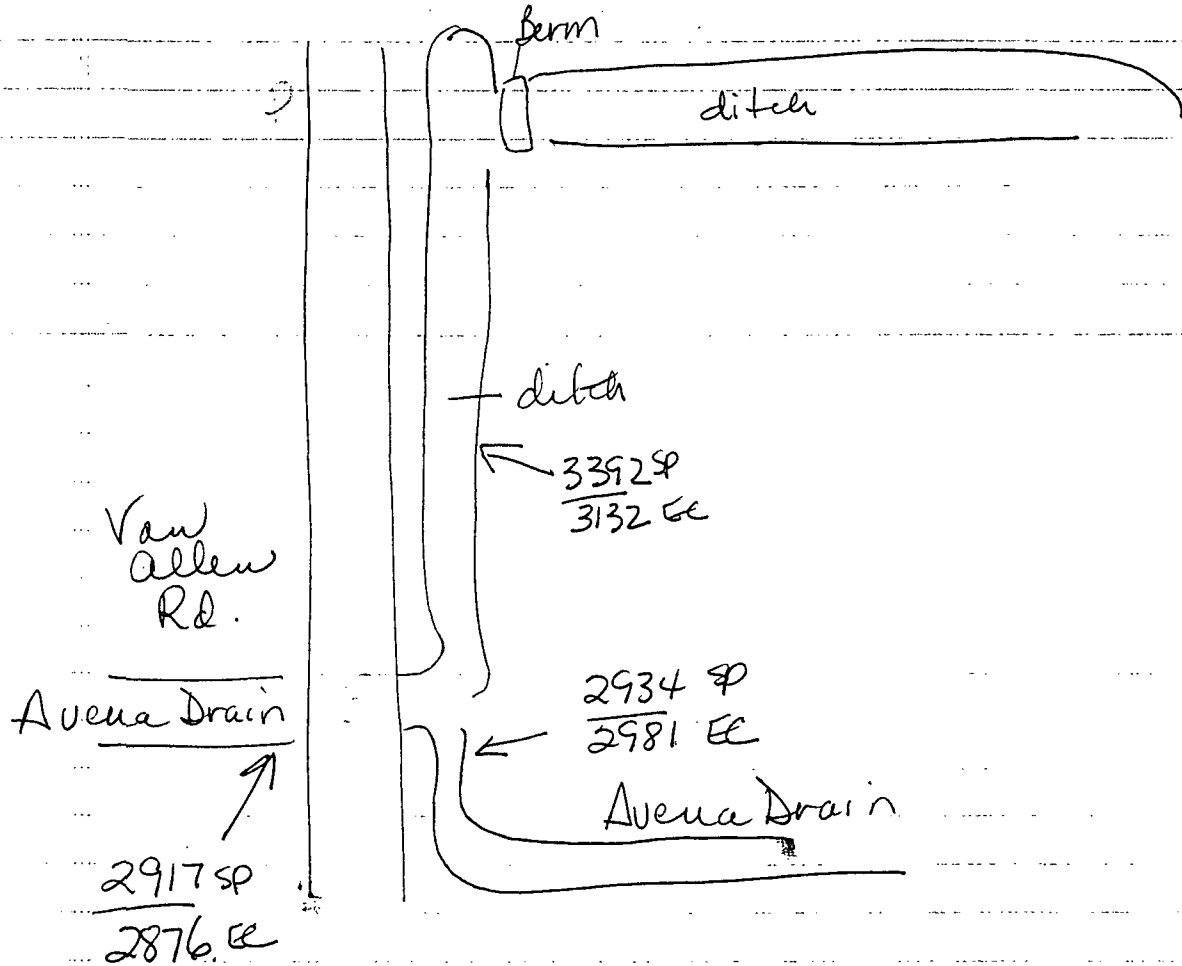
To: Office of Emergency Services
From: Robin Kirk, Project Director, DeltaKeeper
Date: March 18, 1998
Subject: High EC readings in Escalon dairy area

DeltaKeeper, a volunteer water quality monitoring group, has been monitoring Temple, Avena and Lone Tree Creek in the Escalon area east of Jack Tone Road on a regular basis. High EC readings over 1200 are being reported to Fish and Game, Louis Pratt at the Regional Board and OES. We hereby submit the attached readings and map for your action.

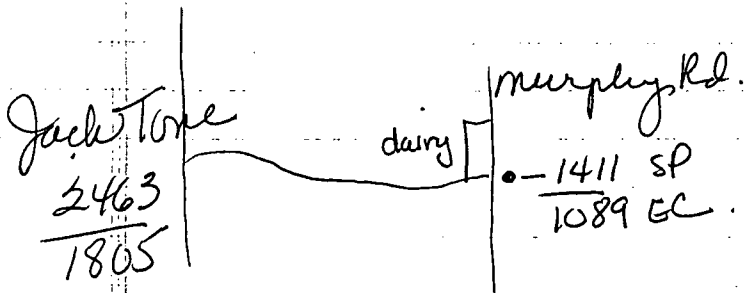
Please call us with any questions you may have.

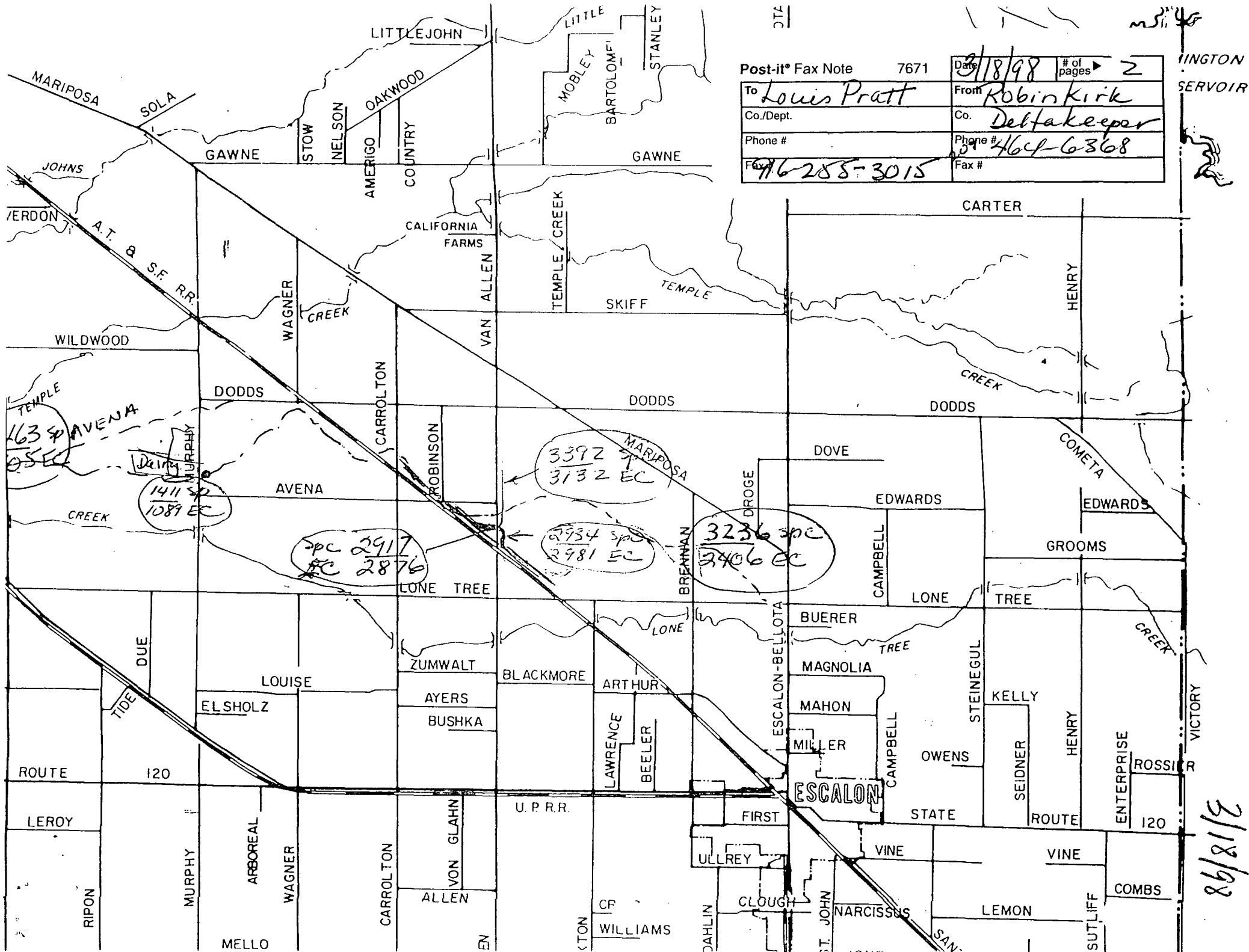
Robin Kirk
464-6368

Van Allen Rd. Incident



Murphy Rd. Incident





Post-it® Fax Note 7671

Date	3/18/98	# of pages	2
To	Louis Pratt	From	Robin Kirk
Co./Dept.		Co.	Deltakeeper
Phone #		Phone #	314-64-6368
Fax #	916-288-3015	Fax #	

INGTON
SERVOIR

3/18/98

DeltaKeeper Incident Report Form

1. Incident Name: A-2 Avena Drain - Carrollton Rd. Incident# Dairy 2
2. Date: 3/4/98 Day of Week: Wednesday Time: 11:08
3. Investigator (DeltaKeeper and/or Other) D. Wagner, R. Pfeifer, R. Kirk

GENERAL

4. Type of Report (Check One): Initial ☒ Followup ☐
5. Report /Update Received: Date: 3/4/98, Time: 11:08, By: R. Kirk
6. How Received: Phone ☐, Radio ☐, Mail ☐, Patrol ☐, Other Dairy Investigation
7. Type of Incident (Check One): Oil ☐, Dredging/Dumping ☐, Sewage ☐, Hazardous Material ☐, Air ☐,
Illegal Fill ☐, Fish/Wildlife ☐, Multiple Causes ☐, Commercial Shipping ☐, Other Dairy discharge
(Describe) _____
8. Agencies Contacted (and Contact Names) Regional Water Quality Control Board -
Louis Pratt, dairy investigator

LOCATION

9. General Location (Name of River, Slough, Island, etc.) Avena Drain
10. City or Landmark: Escalon
11. Precise Location (i.e. Lat. & Long.) Avena drain, north of RRX, Carrollton Rd.

CONTACT INFORMATION

12. Information about Person Contacting Us:
a. Person's Role (Circle One): Reporter, Investigator, Agency, Witness, Info. Source, Sample Analyst,
WQ Monitor, Photographer, Other _____
Name: DeltaKeeper - volunteers
Address: _____
Phone Number (s): _____
O.K. to Use Contact's Name as Case is Developed? Yes ☐, No ☐.
13. How did Contact Hear of Us? routine monitoring

DETAILS OF INCIDENT

14. How was the Incident Discovered? High readings at A-1 on Jackstone traced up the Avena
Drain to a discharge point 25 yds north of Avena Drain - farmer discharging
from field directly into ditch flowing into Avena Drain
15. Incident Occurred/Began: Date: 3/4/98, Time: 11:08
16. Description of Material: dark brown discharge water in Avena Drain
17. Quantity: _____
18. Area Affected: Avena Drain
19. Resources at Risk: _____
20. Other Witnesses/Potential Corroborating Evidence: D. Wagner, R. Pfeifer
21. Weather: Sunny, clear; Marine Conditions: N/A
Tides: N/A

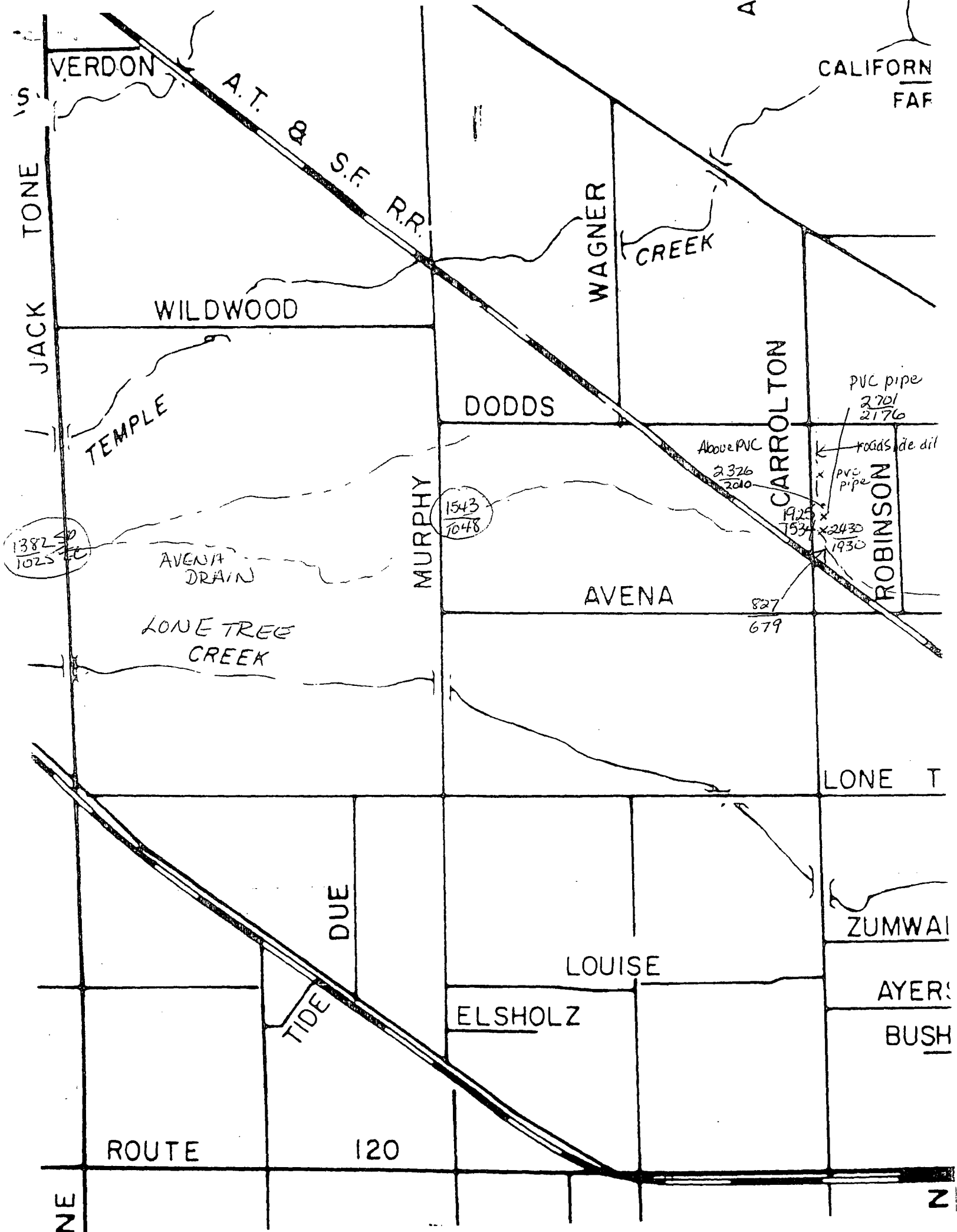
SOURCE

22. Suspected Source; Primary: pasture drainage
Secondary: _____
23. Cause: deliberate discharge to the ditch through PVC pipe about 10" diam

EVIDENCE

24. Photo/Video Taken: Yes ☒, No ☐; Requested: Yes ☐, No ☐; Number (s): _____; Available: Yes ☒, No ☐
25. Samples Taken: Yes ☒, No ☐; Requested: Yes ☐, No ☐; Number (s): _____
25. Analyzed: Yes ☒, No ☐; Lab Name: DeltaKeeper Lab. - HR Ammonia over 50 mg/L
26. Environmental Permit: Yes ☐, No ☒; Agency and Permit Number: _____
27. Conditions of Permit: _____

(Over for Details and Resolution)



DeltaKeeper Dairy Monitoring Project

12475 Van Allen Rd
12556 (Bastelink)
12637 "

Da 3/4/98

Sampling Team: 1) D. Wagner 2) R. Pfeifer 3) R. Kirk

Site	Time	Temp	SpC	CND/EC	pH	water color	sample	Site	Time	Temp	SpC	CND/EC	pH	water color	sample
T-1	10:17	13.2 c	563	205	7.5	lt. muddy	y/n	A-1	10:32	11.2	1384	1025	7.7	dk brown	y/n
(Avena Drain) A-2 Photos #19, 20															
A-2	11:08	13.4	184	1322	7.5	muddy dk	y/n	A2-A	11:23	15.9	837	691	7.5	muddy brn.	y/n
Photos #23, 24															
Above Flow															
	13:15	17.8	2326	2610			y/n								y/n
Photos #10, 11, 12															
L-1	10:37	11.9	284.3	210.6		trans	y/n	L-2	10:49	11.4	277	205		trans. brn.	y/n
Photos #21, 22															
A2-A		14.7	2430	1930		mid field	y/n	A2-A		15.0	2709	2176		syrupy dark	y/n
Photos #7, 8, 9															