Western Municipal Water District

Western Riverside County

Regional Wastewater Treatment Plant

BIOSOLIDS MONITORING REPORT

CALENDAR YEAR 2000

Order No. 97-2

NPDES No. CA8000316

February 16, 2001

I Certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

BILL BEAM
Plant Manager

BB/al

WESTERN RIVERSIDE COUNTY
REGIONAL WASTEWATER TREATMENT PLANT

BIOSOLIDS REPORT 2000

Process Description

The Western Riverside County Regional Wastewater Treatment Plant (WRCRWTP) utilizes a 4.41-MG oxidation ditch for initial secondary treatment. From the oxidation ditch, the sludge is allowed to settle in two secondary clarifiers. The continuously wasted sludge is then thickened to a concentration of 4% and fed to two aerobic digesters for further sludge stabilization. The digesters were primarily operated in series mode during 2000. The primary digester receives the 4% thickened sludge while the secondary digester receives transferred sludge from the primary digester daily to maintain an overall system mass balance.

The oxidation ditch was maintained at an SRT of between 12 to 20 days through out this reporting period and at a temperature of at least 20° C, while the digesters have been maintained at an SRT of between 30 to 55 days at temperatures between 30° to 48° C. A total of 617.7 dry metric tons of biosolids on a dry weight basis were produced during the calendar year of 1999. A total of 1033 dry metric tons of biosolids were produced during the calendar year of 1999. All biosolids were land applied by Synagro except during the period of non-Class B sludge production when the biosolids did not meet vector attraction reductions. The non- Class B sludge was then sent to Synagro's composting facility.

Class B Biosolids Reduction Requirements

Vector reduction requirements were met by either maintaining a volatile solids reduction of at least 38% in the digesters or by maintaining a SOUR of less than or equal to 1.5 mg/g/hour on a dry weight basis. Supporting data for all reductions can be found in the following tables with this report.

The 2000 Biosolids Land Application Data summary prepared by Synagro West, Inc. can be found in the appendix A of this report along with all supporting laboratory results. This report includes:

- Biosolids Site Summary
- Site Specific Information
- Biosolids Analyses Summary

Appendix B contains the Synagro composting report that includes:

- The mass of biosolids received at the Regional Composting Facility (RCF) on a monthly basis.
- Monthly certification that the compost produced meets US EPA class A criteria
- Laboratory analysis of the compost produced at the RCF
- Input/output of materials at the RCF for 2000.

WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER TREATMENT PLANT

CLASS B BIOSOLIDS REDUCTION 2000

JANUARY 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
42	0.6	36	18,367

FEBRUARY 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
23	1.7	29	144,143

MARCH 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
20	1.3	35	120,999

APRIL 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
27	1.3	29	50,008

MAY 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
28	2.5	35	243,347

JUNE 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
25	1.1	39	49,949

JULY 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
34	0.5	36	16,254

AUGUST 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
46	1.1	35	14,471

SEPTEMBER 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
46.16183	1.6	31	13,881

OCTOBER 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
35	1.5	35	425,950

NOVEMBER 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
30	1.5	29	NA

DECEMBER 2000 AVERAGE			
Vector Attraction		Pathogen Reduction	
% Vol Reduction	SOUR's	Combined SRT Days	Fecal Coliform Geometric Mean
30	<1.5	35	NA

Note: Only one parameter needs to be met for vector attraction and pathogen reduction.
Vector attraction limits: 38% volatile solids reduction or SOUR's equal to or less than 1.5
Pathogen reduction limits: Previous data indicates that fecal coliform reductions can be met at a digester temperature of 30°C with a combined SRT of less than 34 days or a fecal coliform geometric mean of less than 2 million MPN.

QUARTERLY ANALYSIS RESULTS DIGESTER 1

1st Quarter Analysis March 2000			2nd Quarter Analysis June 2000			3rd Quarter Analysis September 2000			4th Quarter Analysis December 2000		
Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg
Arsenic	41	ND	Arsenic	41	ND	Arsenic	41	ND	Arsenic	41	9
Cadmium	39	ND	Cadmium	39	ND	Cadmium	39	ND	Cadmium	39	2
Chromium	1,200	ND	Chromium	1,200	0.5	Chromium	1,200	32	Chromium	1,200	27
Copper	1,500	7	Copper	1,500	6.4	Copper	1,500	540	Copper	1,500	490
Lead	300	ND	Lead	300	ND	Lead	300	36	Lead	300	34
Mercury	17	ND	Mercury	17	ND	Mercury	17	ND	Mercury	17	ND
Molybdenum	75	ND	Molybdenum	75	0.2	Molybdenum	75	14	Molybdenum	75	13
Nickel	420	ND	Nickel	420	0.3	Nickel	420	23	Nickel	420	21
Selenium	36	ND	Selenium	36	ND	Selenium	36	ND	Selenium	36	9
Zinc	2,800	11	Zinc	2,800	8.3	Zinc	2,800	680	Zinc	2,800	630
NH_3	NA	280	NH_3	NA	280	NH_3	NA	3200	NH_3	NA	23000
NO_2	NA	ND	NO_2	NA	ND	NO_2	NA	ND	NO_2	NA	ND
NO_3	NA	2	NO_3	NA	3	NO_3	NA	230	NO_3	NA	120

QUARTERLY ANALYSIS RESULTS DIGESTER 2

1st Quarter Analysis March 2000			2nd Quarter Analysis June 2000			3rd Quarter Analysis September 2000			4th Quarter Analysis December 2000		
Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg
Arsenic	41	ND	Arsenic	41	ND	Arsenic	41	ND	Arsenic	41	Not in Service
Cadmium	39	ND	Cadmium	39	ND	Cadmium	39	ND	Cadmium	39	Not in Service
Chromium	1,200	ND	Chromium	1,200	0.5	Chromium	1,200	38	Chromium	1,200	Not in Service
Copper	1,500	8	Copper	1,500	6.6	Copper	1,500	650	Copper	1,500	Not in Service
Lead	300	ND	Lead	300	0.5	Lead	300	43	Lead	300	Not in Service
Mercury	17	ND	Mercury	17	ND	Mercury	17	ND	Mercury	17	Not in Service
Molybdenum	75	ND	Molybdenum	75	0.3	Molybdenum	75	16	Molybdenum	75	Not in Service
Nickel	420	ND	Nickel	420	0.4	Nickel	420	27	Nickel	420	Not in Service
Selenium	36	ND	Selenium	36	ND	Selenium	36	ND	Selenium	36	Not in Service
Zinc	2,800	12	Zinc	2,800	8.8	Zinc	2,800	810	Zinc	2,800	Not in Service
NH_3	NA	24	NH_3	NA	57	NH_3	NA	41000	NH_3	NA	Not in Service
NO_2	NA	ND	NO_2	NA	ND	NO_2	NA	110	NO_2	NA	Not in Service
NO_3	NA	3	NO_3	NA	4	NO_3	NA	220	NO_3	NA	Not in Service

ANALYSIS RESULTS BIOSOLIDS

Jan-00			*Feb-00*			*Mar-00*			*Apr-00*		
Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg
Arsenic	41	3.91	Arsenic	41	5.68	Arsenic	41	15.24	Arsenic	41	3.89
Cadmium	39	3.2	Cadmium	39	2.6	Cadmium	39	3.5	Cadmium	39	2.7
Chromium	1,200	44	Chromium	1,200	29	Chromium	1,200	70	Chromium	1,200	46
Copper	1,500	553	Copper	1,500	457	Copper	1,500	512	Copper	1,500	473
Lead	300	59	Lead	300	56	Lead	300	59	Lead	300	55
Mercury	17	2.42	Mercury	17	1.94	Mercury	17	1.67	Mercury	17	2.23
Molybdenum	75	14	Molybdenum	75	14	Molybdenum	75	17	Molybdenum	75	16
Nickel	420	37	Nickel	420	20	Nickel	420	38	Nickel	420	27
Selenium	36	6.16	Selenium	36	4.66	Selenium	36	5.31	Selenium	36	4.71
Zinc	2,800	713	Zinc	2,800	620	Zinc	2,800	667	Zinc	2,800	641
NH_3	NA	12500	NH_3	NA	6700	NH_3	NA	6700	NH_3	NA	4500
NO_2/NO_3	NA	13	NO_2/NO_3	NA	ND	NO_2/NO_3	NA	ND	NO_2/NO_3	NA	ND

ANALYSIS RESULTS BIOSOLIDS

May-00			*Jun-00*			*Jul-00*			*Aug-00*		
Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg
Arsenic	41	5.58	Arsenic	41	2.96	Arsenic	41	2.56	Arsenic	41	3.01
Cadmium	39	2.5	Cadmium	39	2.7	Cadmium	39	1.6	Cadmium	39	2.9
Chromium	1,200	50	Chromium	1,200	43	Chromium	1,200	45	Chromium	1,200	62
Copper	1,500	467	Copper	1,500	527	Copper	1,500	637	Copper	1,500	707
Lead	300	50	Lead	300	50	Lead	300	29	Lead	300	53
Mercury	17	2.63	Mercury	17	4.2	Mercury	17	4.15	Mercury	17	3.15
Molybdenum	75	20	Molybdenum	75	16	Molybdenum	75	18	Molybdenum	75	9
Nickel	420	28	Nickel	420	28	Nickel	420	23	Nickel	420	32
Selenium	36	4.96	Selenium	36	5.46	Selenium	36	39.93	Selenium	36	9.58
Zinc	2,800	612	Zinc	2,800	669	Zinc	2,800	656	Zinc	2,800	841
NH_3	NA	1100	NH_3	NA	2800	NH_3	NA	9300	NH_3	NA	11100
NO_2/NO_3	NA	ND	NO_2/NO_3	NA	15	NO_2/NO_3	NA	20	NO_2/NO_3	NA	ND

Note:

ANALYSIS RESULTS BIOSOLIDS

Sep-00			*Oct-00*			*Nov-00*			*Dec-00*		
Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg	Constitent	Pollutant Concentration Limits for EQ and PC Biosolids mg/kg	Results mg/kg
Arsenic	41	4.01	Arsenic	41	7.44	Arsenic	41	4.72	Arsenic	41	4.46
Cadmium	39	3.1	Cadmium	39	3.4	Cadmium	39	3.2	Cadmium	39	2.8
Chromium	1,200	32	Chromium	1,200	31	Chromium	1,200	31	Chromium	1,200	35
Copper	1,500	587	Copper	1,500	706	Copper	1,500	713	Copper	1,500	695
Lead	300	48	Lead	300	69	Lead	300	69	Lead	300	36
Mercury	17	2.61	Mercury	17	2.36	Mercury	17	2.04	Mercury	17	1.68
Molybdenum	75	9	Molybdenum	75	15	Molybdenum	75	13	Molybdenum	75	14
Nickel	420	26	Nickel	420	30	Nickel	420	29	Nickel	420	29
Selenium	36	5.32	Selenium	36	6.01	Selenium	36	4.93	Selenium	36	4.85
Zinc	2,800	801	Zinc	2,800	847	Zinc	2,800	828	Zinc	2,800	766
NH_3	NA	8200	NH_3	NA	12000	NH_3	NA	9800	NH_3	NA	11500
NO_2/NO_3	NA	12	NO_2/NO_3	NA	<10	NO_2/NO_3	NA	ND	NO_2/NO_3	NA	ND

WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER TREATMENT PLANT

BIOSOLIDS PRODUCED 2000

JANUARY

	DRY TONS	WET TONS
LAND APPLIED	53.83	310.98
COMPOSTED		

FEBRUARY

	DRY TONS	WET TONS
LAND APPLIED	38.32	201.98
COMPOSTED	32.11	150.2

MARCH

	DRY TONS	WET TONS
LAND APPLIED	63.1	295.12
COMPOSTED	20.25	94.71

APRIL

	DRY TONS	WET TONS
LAND APPLIED	46.61	269.74
COMPOSTED	8.75	50.64

MAY

	DRY TONS	WET TONS
LAND APPLIED	42.24	247.16
COMPOSTED	8.41	49.21

JUNE

	DRY TONS	WET TONS
LAND APPLIED	53.5	300.05
COMPOSTED		

JULY

	DRY TONS	WET TONS
LAND APPLIED	29.47	168.6
COMPOSTED		

AUGUST

	DRY TONS	WET TONS
LAND APPLIED	37.14	201.76
COMPOSTED	10.86	56.83

SEPTEMBER

	DRY TONS	WET TONS
LAND APPLIED	22.27	116.53
COMPOSTED		

OCTOBER

	DRY TONS	WET TONS
LAND APPLIED	27.27	142.72
COMPOSTED	9.11	51.45

NOVEMBER

	DRY TONS	WET TONS
LAND APPLIED	42.41	248.61
COMPOSTED	13.76	77.76

DECEMBER

	DRY TONS	WET TONS
LAND APPLIED	52.89	298.82
COMPOSTED	5.43	30.68

TOTAL DRY TONS LAND APPLIED FOR 2000	509.05
TOTAL DRY TONS COMPOSTED FOR 2000	108.68
TOTAL BIOSOLIDS PRODUCED DRY TONS FOR 2000	617.73
TOTAL BIOSOLIDS PRODUCED DRY METRIC TONS FOR 2000	560.40
TOTAL BIOSOLIDS PRODUCED DRY METRIC TONS FOR 1999	1033.9
TOTAL BIOSOLIDS PRODUCED DRY METRIC TONS FOR 1998	115.2

SYNAGRO

A Residuals Management Company

P.O. Box 7027, Corona CA 92878-7027
(909) 277-2662 Fax (909) 277-2957

February 7, 2001

Bill Beam
Plant Manager
Western Riverside County
Regional Wastewater Authority
14634 River Road
Corona, CA 91720

Subject: 2000 Biosolids Land Application Data Summary
Synagro West, Inc.

Dear Mr. Beam:

The following information is a summary of biosolids land application data for 2000 as compiled by Synagro West, Inc. The data reported to you will be included in Synagro West, Inc.'s 2000 annual U.S. EPA 503 Biosolids Report submitted to EPA region 9. I will be submitting this report on or before February 19, 2001.

If you have information needs in addition to what I am presenting here, please contact me and I will respond immediately.

Synagro West, Inc. appreciates your business and I look forward to serving your technical needs in the coming year.

Sincerely,

Mark Grey, Ph.D.
Regional Technical Services Director

Enclosures

Biosolids Site Summary

SYNAGRO

A Residuals Management Company

Western Riverside

Biosolids Site Summary
January - December 2000

Start Date	End Date	Site	Source	Wet Tons	% Solids	Dry Tons	# of Loads
1/5/00	1/12/00	RDB-28A	WRIV	123.77	17.31%	21.42	6
1/13/00	1/13/00	RDB-28B	WRIV	22.39	17.31%	3.88	1
1/18/00	1/29/00	RDB-30	WRIV	164.82	17.31%	28.53	9
2/1/00	2/1/00	RDB-30	WRIV	35.19	18.97%	6.68	2
2/4/00	2/17/00	RDBV	WRIV	166.79	18.97%	31.64	9
3/3/00	3/13/00	RDZ-2	WRIV	62.84	21.38%	13.44	3
3/13/00	3/15/00	RDZ-1	WRIV	83.06	21.38%	17.76	4
3/20/00	3/23/00	RDZ-4	WRIV	73.40	21.38%	15.69	4
3/27/00	3/27/00	RDZ-4A	WRIV	18.57	21.38%	3.97	1
3/30/00	3/31/00	RDZ-7	WRIV	57.25	21.38%	12.24	3
4/3/00	4/4/00	RDZ-6	WRIV	34.00	17.28%	5.88	2
4/6/00	4/10/00	RDF-6	WRIV	52.33	17.28%	9.04	3
4/11/00	4/11/00	RDF-7SE	WRIV	17.52	17.28%	3.03	1
4/12/00	4/13/00	RDF-8NW	WRIV	35.09	17.28%	6.06	2
4/18/00	4/19/00	RDB-23	WRIV	38.31	17.28%	6.62	2
4/20/00	4/25/00	RDB-33	WRIV	76.02	17.28%	13.14	4
4/28/00	4/28/00	RJA-1	WRIV	16.49	17.28%	2.85	1
5/4/00	5/8/00	RDF-8NE	WRIV	59.28	17.09%	10.13	3
5/8/00	5/9/00	RDZ-10	WRIV	30.62	17.09%	5.23	2
5/10/00	5/12/00	RDZ-11	WRIV	27.13	17.09%	4.64	2
5/18/00	5/19/00	RDZ-12	WRIV	33.47	17.09%	5.72	2
5/23/00	5/23/00	RDZ-13	WRIV	15.43	17.09%	2.64	1
5/24/00	5/31/00	RDZ-16	WRIV	81.24	17.09%	13.88	4
6/1/00	6/2/00	RDZ-16	WRIV	33.81	17.83%	6.03	2
6/6/00	6/20/00	RDZ-15	WRIV	180.78	17.83%	32.23	11
6/22/00	6/26/00	RDZ-20	WRIV	29.48	17.83%	5.26	2
6/27/00	6/29/00	RDZ-21	WRIV	43.05	17.83%	7.68	3
6/30/00	6/30/00	RDF-9	WRIV	12.93	17.83%	2.31	1
7/7/00	7/10/00	RDF-10	WRIV	48.75	17.48%	8.52	3
7/12/00	7/14/00	RGF	WRIV	26.47	17.48%	4.63	2
7/19/00	7/25/00	RDB-25	WRIV	66.61	17.48%	11.64	5
7/27/00	7/28/00	RDF-7NE	WRIV	26.77	17.48%	4.68	2
8/3/00	8/17/00	RPR-1	WRIV	108.01	18.41%	19.88	7
8/23/00	8/25/00	RDF-7SE	WRIV	48.20	18.41%	8.87	3
8/28/00	8/31/00	RRM	WRIV	45.55	18.41%	8.39	3
9/5/00	9/6/00	RDH	WRIV	20.13	19.11%	3.85	2
9/8/00	9/15/00	RDF-8NW	WRIV	36.05	19.11%	6.89	3
9/19/00	9/22/00	RDB-24	WRIV	42.71	19.11%	8.16	3
9/28/00	9/28/00	RDB-16W	WRIV	17.64	19.11%	3.37	1
10/2/00	10/4/00	RDB-7E	WRIV	28.93	19.11%	5.53	2
10/12/00	10/16/00	RDB-6	WRIV	42.60	19.11%	8.14	2

SYNAGRO

A Residuals Management Company

Western Riverside

Biosolids Site Summary
January - December 2000

Start Date	End Date	Site	Source	Wet Tons	% Solids	Dry Tons	# of Loads
10/18/00	10/18/00	RDB-10	WRIV	25.28	19.11%	4.83	1
10/20/00	10/20/00	RDB-7W	WRIV	15.28	19.11%	2.92	1
10/28/00	10/28/00	RDB-3	WRIV	30.63	19.11%	5.85	1
11/7/00	11/7/00	RDB-1	WRIV	37.27	17.06%	6.36	1
11/8/00	11/8/00	RDB-2	WRIV	18.36	17.06%	3.13	1
11/14/00	11/14/00	RDB-27	WRIV	26.46	17.06%	4.51	1
11/17/00	11/21/00	RDB-5	WRIV	95.43	17.06%	16.28	4
11/27/00	11/28/00	RDB-16W	WRIV	50.54	17.06%	8.62	2
11/30/00	11/30/00	RDB-23	WRIV	20.55	17.06%	3.51	1
12/1/00	12/22/00	RDB-35	WRIV	118.50	17.70%	20.97	6
12/6/00	12/12/00	RDB-23	WRIV	87.39	17.70%	15.47	4
12/14/00	12/14/00	RRB-2	WRIV	17.61	17.70%	3.12	1
12/18/00	12/18/00	RRB-1	WRIV	15.95	17.70%	2.82	1
12/21/00	12/27/00	RDB-21	WRIV	49.72	17.70%	8.80	3
12/28/00	12/28/00	RDB-29	WRIV	9.65	17.70%	1.71	1
			Totals	**2802.08**		**509.06**	**157**

Site Specific Information

Synagro West, Inc.
2000 Biosolids Land Application Sites--Site Locations

Field	Field Size (acres)	County	S	T	R	LAT (d)	LAT (m)	LAT (S)	LONG (d)	LONG (m)	LONG (s)
RDB-1	110	Riverside	15	6S	2W	33	38	5	117	4	48
RDB-2	54	Riverside	22	6S	2W	33	38	5	117	4	55
RDB-3	119	Riverside	22	6S	2W	33	38	20	117	4	50
RDB-4	196	Riverside	26	6S	2W	33	38	4	117	4	4
RDB-5	120	Riverside	20	6S	4W	33	38	39	117	6	30
RDB-6	75	Riverside	18	7S	2W	33	34	38	117	7	13
RDB-7E	52	Riverside	18	7S	2W	33	34	21	117	7	35
RDB-7W	59	Riverside	18	7S	2W	33	33	57	117	7	15
RDB-10	45	Riverside	7	7S	2W	33	34	53	117	7	55
RDB-12	50	Riverside	7	7S	2W	33	34	21	117	7	35
RDB-15	30	Riverside	22	6S	2W	33	38	24	117	4	46
RDB-16A	10	Riverside	8	6S	2W	33	39	32	117	6	38
RDB-16W	50	Riverside	8	6S	2W	33	39	32	117	6	23
RDB-21	59	Riverside	8	7S	2W	33	34	32	117	7	46
RDB-23	133	Riverside	5	6S	2W	33	41	7	117	7	3
RDB-24	122	Riverside	32	5S	2W	33	41	46	117	7	10
RDB-25	124	Riverside	32	5S	2W	33	41	10	117	7	10
RDB-27	80	Riverside	15	6S	2W	33	39	21	117	5	3
RDB-28A	91	Riverside	22	6S	2W	33	37	30	117	5	30
RDB-28B	34	Riverside	22	6S	2W	33	37	30	117	5	30
RDB-28C	11	Riverside	22	6S	2W	33	37	30	117	5	30
RDB-29	83	Riverside	9	7S	2W	33	34	30	117	5	30
RDB-30	155	Riverside	7	7S	2W	33	35	0	117	8	0
RDB-32	37	Riverside	34	5S	2W	33	41	0	117	5	0
RDB-33	65	Riverside	8	6S	2W	33	39	42	117	6	48
RDB-35	1300	Riverside	10	7S	2W	33	33	0	117	4	0
RDB-V	135	Riverside	9	8S	1W	33	28	0	116	57	0
RDF-6	111.0	Riverside	17	4S	1W	33	49	12	117	4	26
RDF-7NE	26.0	Riverside	3	4S	2W	33	50	40	117	4	12
RDF-7SE	35.3	Riverside	3	4S	2W	33	50	40	117	4	12
RDF-8NE	35.0	Riverside	3	4S	2W	33	50	23	117	4	1
RDF-8NW	30.6	Riverside	3	4S	2W	33	50	23	117	4	1
RDF-9	66.7	Riverside	34	5S	2W	33	41	38	117	4	47
RDF-10	40.3	Riverside	34	5S	2W	33	41	49	117	4	47
RDH-1	80.0	Riverside	32	3S	2W	33	52	15	117	6	24
RDZ-1	40.0	Riverside	10	6S	2W	33	39	0	117	10	0
RDZ-2	40.0	Riverside	16	6S	2W	33	38	0	117	6	0
RDZ-4	50.0	Riverside	26	6S	3W	33	37	0	117	9	0
RDZ-4A	15.0	Riverside	26	6S	3W	33	37	30	117	9	24
RDZ-5	40.0	Riverside	18	6S	2W	33	38	0	117	7	0
RDZ-6	68.0	Riverside	15	6S	3W	33	38	0	117	10	0
RDZ-7	82.0	Riverside	15	6S	3W	33	39	0	117	10	0
RDZ-10	40.0	Riverside	13	6S	3W	33	38	37	117	8	55
RDZ-11	80.0	Riverside	13	6S	3W	33	38	40	117	8	30
RDZ-12	40.0	Riverside	13	6S	3W	33	38	30	117	8	30
RDZ-13	40.0	Riverside	18	6S	2W	33	38	0	117	8	0
RDZ-14	30.0	Riverside	13	6S	3W	33	38	0	117	9	0
RDZ-15	160.0	Riverside	24	6S	3W	33	38	30	117	9	15
RDZ-16	130.0	Riverside	34	5S	1W	33	41	46	116	57	50
RDZ-19	50.0	Riverside	26	6S	3W	33	37	17	117	9	56
RDZ-20	168.0	Riverside	26	6S	3W	33	37	0	117	9	0
RDZ-21	70.0	Riverside	26	6S	3W	33	36	49	117	9	57
RGF-1	100.0	Riverside	31	5S	2W	33	41	45	117	7	30
RJA-1	20.0	Riverside	8	6S	2W	33	39	50	117	6	48
RPR-1	86.0	Riverside	4	4S	2W	33	51	25	117	6	4
RRB-1	55.0	Riverside	6	7S	2W	33	35	0	117	7	30
RRB-2	20.0	Riverside	18	7S	2W	33	34	0	117	7	46
RRM-1	100.0	Riverside	3	4S	2W	33	51	6	117	4	20

Synagro West, Inc.
2000 Biosolids Land Application Sites--Field Information

Field	Field Size		Irrigation Type	Crop	Plant Date	Harvest Date	Depth to Seasonal High Water Table	WQCB Regions	Site Restrictions Met
	Acres	Hectares							
RDB-1	110.0	44.5	Dry Land	Wheat	Dec. 2000	Spring 2001	> 15 feet	9	yes
RDB-2	54.0	21.9	Dry Land	Wheat	Dec. 2000	Spring 2001	> 15 feet	9	yes
RDB-3	119.0	48.2	Dry Land	Wheat	Dec. 2000	Spring 2001	> 15 feet	9	yes
RDB-4	196.0	79.4	Dry Land	Wheat	Dec. 2000	Spring 2001	> 5 feet (1)	9	yes
RDB-5	120.0	48.6	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-6	75.0	30.4	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-7E	51.9	21.0	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-7W	58.9	23.8	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-10	45.4	18.4	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-12	50.0	20.2	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-15	30.1	12.2	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-16A	10.0	4.0	Sprinkler	Alfalfa	Fall 2000	Continuous	> 20 feet	9	yes
RDB-16W	50.0	20.2	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-21	58.7	23.8	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-23	133.0	53.8	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-24	122.3	49.5	Sprinkler	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-25	124.1	50.2	Sprinkler	Wheat	Dec. 2000	Spring 2001	> 20 feet	8	yes
RDB-27	80.0	32.4	Dry Land	Wheat	Dec. 2000	Spring 2001	> 20 feet	9	yes
RDB-28A	91.0	36.8	Dry Land	Wheat	Winter 2000	Spring 2000	> 20 feet	9	yes
RDB-28B	34.0	13.8	Dry Land	Wheat	Jan. 2000	Spring 2000	> 20 feet	9	yes
RDB-28C	10.5	4.3	Dry Land	Wheat	Jan. 2000	Spring 2000	> 20 feet	9	yes
RDB-29	83.0	33.6	Dry Land	Wheat	Jan. 2000	Spring 2000	> 20 feet	9	yes
RDB-30	155	62.8	Dry Land	Wheat	Feb. 2000	Spring 2000	> 20 feet	9	yes
RDB-32	37.0	15.0	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RDB-33	65.0	26.3	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RDB-35	1,300.0	526.3	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RDB-V	135.0	54.7	Dry Land	Wheat	Feb. 2000	Spring 2000	> 20 feet	9	yes
RDF-6	111.0	44.9	Sprinkler	Alfalfa	Fall 2000	Spring 2001	> 2 feet (1)	8	yes
RDF-7NE	26.0	10.5	Sprinkler	Alfalfa	Sum. 2000	Continuous	> 5 feet (1)	8	yes
RDF-7SE	35.3	14.3	Sprinkler	Alfalfa	Sum. 2000	Continuous	> 5 feet (1)	8	yes
RDF-8NE	35.0	14.2	Sprinkler	Alfalfa	Sum. 2000	Continuous	> 5 feet (1)	8	yes
RDF-8NW	30.6	12.4	Sprinkler	Alfalfa	Sum. 2000	Continuous	> 5 feet (1)	8	yes
RDF-9	66.7	27.0	Sprinkler	Wheat	Fall 2000	Spring 2001	> 2.5 feet (1)	9	yes
RDF-10	40.3	16.3	Sprinkler	Corn	Sum. 2000	Fall 2000	> 2.5 feet (1)	9	yes
RDH-1	80.0	32.4	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-1	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-2	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-4	50.0	20.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-4A	15.0	6.1	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-5	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-6	68.0	27.5	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-7	82.0	33.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-10	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-11	80.0	32.4	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-12	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-13	40.0	16.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-14	30.0	12.1	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-15	160.0	64.8	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-16	130.0	52.6	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-19	50.0	20.2	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-20	168.0	68.0	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RDZ-21	70.0	28.3	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RGF-1	100.0	40.5	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RJA-1	20.0	8.1	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RPR-1	86.0	34.8	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes
RRB-1	55.0	22.3	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RRB-2	20.0	8.1	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	9	yes
RRM 1	100.0	40.5	Dry Land	Wheat	Fall 2000	Spring 2001	> 20 feet	8	yes

Note: (1) Seasonal high water table field verified >10 Feet

Synagro West, Inc.
2000 Biosolids Land Application Sites--Field Ownership Information

Field	Field Size (acres)	County	Property Owner	Owner Address	Owner City	Owner State	Owner Zip
RDB-1	110.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-2	54.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-3	119.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-4	196.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-5	120.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-6	75.0	Riverside	Alex Borel	30195 Auld Road	Murietta	CA	92563
RDB-7E	51.9	Riverside	Alex Borel	30195 Auld Road	Murietta	CA	92563
RDB-7W	58.9	Riverside	Alex Borel	30195 Auld Road	Murietta	CA	92563
RDB-10	45.4	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-12	50.0	Riverside	Ben Fleming	22629 De Kalb Drive	Calabasas	CA	91301
RDB-15	30.1	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-16A	10.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-16W	50.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-21	58.7	Riverside	Alex Borel	30195 Auld Road	Murietta	CA	92563
RDB-23	133.0	Riverside	Lisle Miller	38370 Shoal Creek Dr.	Murietta	CA	92362
RDB-24	122.3	Riverside	Joe Miyar	144 North Glendale	Glendale	CA	91206
RDB-25	124.1	Riverside	John Oostdam	1655 N. Ramona Blvd.	San Jacinto	CA	92383
RDB-27	80.0	Riverside	Nayef Muhtseb	PO Box 1004	Murietta	CA	92564
RDB-28A	91.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-28B	34.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-28C	10.5	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-29	83.0	Riverside	Dave Ledbetter	31851 Winchester Road	Winchester	CA	92596
RDB-30	155.0	Riverside	Mon Wei Lin	2016 Paseo Del Mar	Palos Verdes	CA	90274
RDB-32	37.0	Riverside	Bruce Allen	4801 West 96th Street	Overland Park	CA	96027
RDB-33	65.0	Riverside	Donald Hallberg	31620 Leon Road	Winchester	CA	92596
RDB-35	1300.0	Riverside	County of Riverside	3525 14th Street	Riverside	CA	92501
RDB-V	135.0	Riverside	Vale Lake USA LLC	29400 Rancho Calf. Road	Temecula	CA	92591
RDF-6	111.0	Riverside	Ruth Martin	751 Hillside Dr.	Long Beach	CA	90815
RDF-7NE	26.0	Riverside	Bert Verger	16777 Bundy Canyon Rd.	Escondido	CA	92025
RDF-7SE	35.3	Riverside	Bert Verger	16777 Bundy Canyon Rd.	Escondido	CA	92025
RDF-8NE	35.0	Riverside	Bert Verger	16777 Bundy Canyon Rd.	Escondido	CA	92025

Biosolids land applied by Synagro West, Inc. Corona, CA

Synagro West, Inc.
2000 Biosolids Land Application Sites--Field Ownership Information

Field	Field Size (acres)	County	Property Owner	Owner Address	Owner City	Owner State	Owner Zip
RDF-8NW	30.6	Riverside	Bert Verger	16777 Bundy Canyon Rd.	Escondido	CA	92025
RDF-9	66.7	Riverside	EMWD	P.O. Box 8300	Perris	CA	92572
RDF-10	40.3	Riverside	EMWD	P.O. Box 8300	Perris	CA	92572
RDH-1	80.0	Riverside	Mystic Lake Duck Club	1561 Lynne Cours	Redlands	CA	92373
RDZ-1	40.0	Riverside	Anil Rastogi	1275 East Latham Ave.	Hemet	CA	92543
RDZ-2	40.0	Riverside	Richard Ardis	2818 Ocean Blvd.	Corona Del Mar	CA	92625
RDZ-4	50.0	Riverside	Frank Ogiela	3215 Mountain Spring Road	Las Vegas	NV	89146
RDZ-4A	15.0	Riverside	Frank Ogiela	3215 Mountain Spring Road	Las Vegas	NV	89146
RDZ-5	40.0	Riverside	Evans Kitsigianis	3903 Ridgemont Drive	Malibu	CA	90265
RDZ-6	68.0	Riverside	Smith and Gonzales	805 Chester Road	Covina	CA	91772
RDZ-7	82.0	Riverside	Haun Road Properties	1570 Linda Vista Road	San Marcos	CA	92069
RDZ-10	40.0	Riverside	Evans Kitsigianis	3903 Ridgemont Drive	Malibu	CA	90265
RDZ-11	80.0	Riverside	Evans Kitsigianis	3903 Ridgemont Drive	Malibu	CA	90265
RDZ-12	40.0	Riverside	Warmington Land Company	567 San Nicolas Dr., Ste 180	Newport Beach	CA	92660
RDZ-13	40.0	Riverside	Warmington Land Company	567 San Nicolas Dr., Ste 180	Newport Beach	CA	92660
RDZ-14	30.0	Riverside	Warmington Land Company	567 San Nicolas Dr., Ste 180	Newport Beach	CA	92660
RDZ-15	160.0	Riverside	Warmington Land Company	567 San Nicolas Dr., Ste 180	Newport Beach	CA	92660
RDZ-16	130.0	Riverside	Warmington Land Company	567 San Nicolas Dr., Ste 180	Newport Beach	CA	92660
RDZ-19	50.0	Riverside	Golden City Ltd.	711 Church Hill Road	La Habra Hghts	CA	90631
RDZ-20	168.0	Riverside	Golden City Ltd.	711 Church Hill Road	La Habra Hghts	CA	90631
RDZ-21	70.0	Riverside	Golden City Ltd.	711 Church Hill Road	La Habra Hghts	CA	90631
RGF-1	100.0	Riverside	Elwood Grizle	29515 Leon Road	Winchester	CA	92596
RJA-1	20.0	Riverside	Anderson and Cashman	2012 Vine Circle	Vista	CA	92084
RPR-1	86.0	Riverside	Warren & Charlene Kellogg	1951 W. Key	Colton	CA	92324
RRB-1	55.0	Riverside	County of Riverside	3525 14th Street	Riverside	CA	92501
RRB-2	20.0	Riverside	County of Riverside	3525 14th Street	Riverside	CA	92501
RRM 1	100.0	Riverside	Everett N. List	18875 Bridge street	Lakeview	CA	92567

Synagro West, Inc.
2000 Biosolids Land Application Sites--Grower Information

Field	Field Size (acres)	County	Grower	Grower Address	Grower City	Grower State	Grower Zip
RDB-1	110.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-2	54.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-3	119.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-4	196.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-5	120.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-6	75.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-7E	51.9	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-7W	58.9	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-10	45.4	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-12	50.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-15	30.1	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-16A	10.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-16W	50.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-21	58.7	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-23	133.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-24	122.3	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-25	124.1	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-27	80.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-28A	91.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-28B	34.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-28C	10.5	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-29	83.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-30	155.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-32	37.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-33	65.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-35	1300.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDB-V	135.0	Riverside	Domenigoni Bros. Ranch	31851 Winchester Road	Winchester	CA	92596
RDF-6	111.0	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDF-7NE	26.0	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDF-7SE	35.3	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDF-8NE	35.0	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567

Biosolids land applied by Synagro West, Inc. Corona, CA

Synagro West, Inc.
2000 Biosolids Land Application Sites--Grower Information

Field	Field Size (acres)	County	Grower	Grower Address	Grower City	Grower State	Grower Zip
RDF-8NW	30.6	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDF-9	66.7	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDF-10	40.3	Riverside	Richard De Vuyst	29250 Lakeview Ave.	Nuevo	CA	92567
RDH-1	80	Riverside	Joe Jackson	30350 Yucca Ave.	Nuevo	CA	92596
RDZ-1	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-2	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-4	50.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-4A	15.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-5	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-6	68.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-7	82.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-10	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-11	80.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-12	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-13	40.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-14	30.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-15	160.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-16	130.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-19	50.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-20	168.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RDZ-21	70.0	Riverside	Zeiders and Sons	27900 Garboni Road	Meniffee	CA	92584
RGF-1	100.0	Riverside	Elwood Grizle	29515 Leon Road	Winchester	CA	92596
RJA-1	20.0	Riverside	J.W. Anderson	31115 Holcomb Road	Winchester	CA	92596
RPR-1	86.0	Riverside	Joe Jackson	30350 Yucca Ave.	Nuevo	CA	92596
RRB-1	55.0	Riverside	Ray Borel	30195 Auld Road	Murrieta	CA	92563
RRB-2	20.0	Riverside	Ray Borel	30195 Auld Road	Murrieta	CA	92563
RRM-1	100.0	Riverside	Robert McGinty	P.O. Box: 1090	Nuevo	CA	92567

Biosolids land applied by Synagro West, Inc. Corona, CA

Synagro West, Inc.
2000 Biosolids Land Application Sites--Cumulative Loading Data

County	Field	Lifetime Loading		Crop	N Requirement		PAN Loading (2000)		Cumulative Lifetime Metal Loading (kg/ha)									
		tons/ac	Mg/ha		lbs/ac	kg/ha	lbs/ac	kg/ha	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Riverside	RDB-1	16	36	Wheat	175	197	173	195	0.2	0.3	3	26	3	0.10	0.8	4	0.3	32
Riverside	RDB-2	15	33	Wheat	175	197	162	182	0.1	0.2	2	15	1	0.04	0.4	2	0.1	17
Riverside	RDB-3	15	33	Wheat	175	197	142	160	0.1	0.4	3	22	2	0.08	0.6	3	0.2	28
Riverside	RDB-4	9	19	Wheat	175	197	115	129	0.1	0.2	3	15	1	0.06	0.5	2	0.1	18
Riverside	RDB-5	11	25	Wheat	175	197	150	169	0.1	0.3	3	20	2	0.07	0.5	3	0.2	24
Riverside	RDB-6	10	22	Wheat	175	197	155	174	0.1	0.1	2	13	1	0.05	0.3	2	0.2	16
Riverside	RDB-7E	12	26	Wheat	175	197	182	204	0.2	0.2	3	19	2	0.07	0.5	3	0.2	28
Riverside	RDB-7W	11	24	Wheat	175	197	172	193	0.2	0.3	2	19	2	0.07	0.5	2	0.2	25
Riverside	RDB-10	10	22	Wheat	175	197	160	180	0.1	0.3	2	19	1	0.06	0.4	3	0.2	22
Riverside	RDB-12	9	21	Wheat	175	197	144	162	0.1	0.3	2	17	2	0.06	0.4	2	0.2	21
Riverside	RDB-15	10	22	Wheat	175	197	143	161	0.1	0.2	2	17	2	0.05	0.5	2	0.2	21
Riverside	RDB-16A	35	78	Alfalfa	480	539	486	545	0.4	0.7	7	56	5	0.20	1.2	7	0.6	68
Riverside	RDB-16W	17	38	Wheat	175	197	159	179	0.3	0.5	4	34	4	0.13	0.9	4	0.4	44
Riverside	RDB-21	11	25	Wheat	175	197	188	211	0.1	0.2	2	19	1	0.05	0.5	3	0.3	22
Riverside	RDB-23	12	26	Wheat	175	197	179	201	0.1	0.3	2	18	2	0.05	0.5	3	0.2	21
Riverside	RDB-24	12	27	Wheat	175	197	219	246	0.1	0.2	3	20	1	0.07	0.5	2	0.2	22
Riverside	RDB-25	10	21	Wheat	175	197	202	227	0.1	0.2	2	18	2	0.08	0.4	2	0.2	21
Riverside	RDB-27	10	22	Wheat	175	197	136	153	0.2	0.2	2	18	2	0.05	0.5	3	0.1	20
Riverside	RDB-28A	6	13	Wheat	175	197	181	203	0.1	0.1	1	9	1	0.03	0.3	1	0.1	11
Riverside	RDB-28B	6	13	Wheat	175	197	168	189	0.1	0.2	1	9	1	0.03	0.3	1	0.1	10
Riverside	RDB-28C	6	12	Wheat	175	197	182	204	0.1	0.2	1	9	1	0.03	0.3	1	0.1	10
Riverside	RDB-29	8	17	Wheat	175	197	180	202	0.1	0.2	2	12	1	0.04	0.4	2	0.2	15
Riverside	RDB-30	10	22	Wheat	175	197	218	245	0.1	0.2	2	12	2	0.04	0.4	2	0.1	16
Riverside	RDB-32	6	14	Wheat	175	197	184	206	0.1	0.2	1	11	1	0.04	0.3	2	0.1	12
Riverside	RDB-33	7	15	Alfalfa	480	539	176	198	0.1	0.2	1	11	1	0.04	0.4	1	0.1	18
Riverside	RDB-35	4	9	Alfalfa	480	539	78	87	0.04	0.1	1	6	0.4	0.01	0.1	1	0.04	7
Riverside	RDB-V	6	14	Alfalfa	480	539	174	195	0.1	0.1	1	9	1	0.03	0.3	1	0.1	11
Riverside	RDF-6	26	59	Alfalfa	480	539	172	193	0.2	0.5	6	37	7	0.23	1.2	5	0.3	53
Riverside	RDF-7NE	26	58	Alfalfa	480	539	365	410	0.3	0.4	5	43	4	0.22	1.0	5	0.4	52
Riverside	RDF-7SE	40	89	Alfalfa	480	539	390	438	0.4	0.8	9	67	6	0.31	1.7	9	0.5	80
Riverside	RDF-8NE	8	18	Alfalfa	480	539	367	412	0.3	0.8	7	50	5	0.21	1.3	8	0.4	61
Riverside	RDF-8NW	42	95	Alfalfa	480	539	458	514	0.5	0.8	9	71	6	0.25	1.7	10	0.7	83
Riverside	RDF-9	11	24	Wheat	175	197	222	250	0.1	0.3	3	21	2	0.08	0.5	3	0.2	25
Riverside	RDF-10	11	26	Corn	250	281	268	301	0.1	0.3	3	23	2	0.11	0.5	2	0.2	27
Riverside	RDH-1	7	15	Wheat	175	197	178	200	0.1	0.1	1	12	1	0.04	0.2	1	0.1	13
Riverside	RDZ-1	5	10	Wheat	175	197	139	157	0.1	0.1	1	6	1	0.02	0.2	1	0.1	8

Biosolids land applied by Synagro West, Inc. Corona, CA

Synagro West, Inc.
2000 Biosolids Land Application Sites--Cumulative Loading Data

County	Field	Lifetime Loading		Crop	N Requirement		PAN Loading (2000)		Cumulative Lifetime Metal Loading (kg/ha)									
		tons/ac	Mg/ha		lbs/ac	kg/ha	lbs/ac	kg/ha	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
Riverside	RDZ-2	5	12	Wheat	175	197	163	183	0.1	0.1	1	8	1	0.03	0.2	1	0.1	9
Riverside	RDZ-4	5	12	Wheat	175	197	159	178	0.1	0.1	1	8	1	0.03	0.2	1	0.1	9
Riverside	RDZ-4A	5	11	Wheat	175	197	155	174	0.1	0.1	1	7	1	0.03	0.2	1	0.1	9
Riverside	RDZ-5	5	12	Wheat	175	197	194	218	0.2	0.1	2	16	2	0.05	0.4	1	0.2	18
Riverside	RDZ-6	6	13	Wheat	175	197	174	195	0.1	0.2	1	11	1	0.04	0.3	2	0.1	12
Riverside	RDZ-7	4	8	Wheat	175	197	165	185	0.3	0.1	2	15	2	0.06	0.4	1	0.2	17
Riverside	RDZ-10	6	13	Wheat	175	197	176	197	0.3	0.6	7	47	5	0.18	1.3	7	0.4	56
Riverside	RDZ-11	6	15	Wheat	175	197	194	218	0.3	0.6	7	49	5	0.18	1.4	8	0.5	58
Riverside	RDZ-12	7	16	Wheat	175	197	212	238	0.4	0.5	7	50	5	0.19	1.4	7	0.5	60
Riverside	RDZ-13	7	15	Wheat	175	197	199	223	0.4	0.5	7	48	5	0.18	1.4	7	0.5	58
Riverside	RDZ-14	6	13	Wheat	175	197	164	184	0.3	0.8	7	49	4	0.18	1.2	8	0.4	60
Riverside	RDZ-15	7	16	Wheat	175	197	188	211	0.3	0.8	7	52	5	0.19	1.3	8	0.4	62
Riverside	RDZ-16	5	11	Wheat	175	197	138	155	0.3	0.5	6	46	5	0.17	1.3	7	0.4	55
Riverside	RDZ-19	6	14	Wheat	175	197	162	181	0.3	0.7	7	50	4	0.19	1.3	7	0.4	61
Riverside	RDZ-20	7	16	Wheat	175	197	192	215	0.3	0.7	7	51	5	0.19	1.3	8	0.5	63
Riverside	RDZ-21	8	17	Wheat	175	197	204	229	0.3	0.8	7	52	5	0.19	1.3	8	0.5	64
Riverside	RGF-1	8	18	Wheat	175	197	182	205	0.1	0.2	2	16	1	0.07	0.4	2	0.1	17
Riverside	RJA-1	5	11	Wheat	175	197	165	185	0.03	0.1	1	7	1	0.03	0.2	1	0.1	8
Riverside	RPR-1	27	60	Wheat	175	197	202	227	0.2	0.8	6	47	4	0.19	3.5	6	0.3	60
Riverside	RRB-1	8	18	Wheat	175	197	156	175	0.1	0.2	2	13	1	0.04	0.3	2	0.2	15
Riverside	RRB-2	9	20	Wheat	175	197	174	196	0.1	0.2	2	14	1	0.05	0.4	2	0.2	18
Riverside	RRM-1	14	32	Wheat	175	197	169	190	0.1	0.4	4	26	2	0.14	0.7	3	0.2	32

Note: PAN loading 2000 includes residual N from previous applications

Biosolids land applied by Synagro West, Inc. Corona, CA

Biosolids Analyses Summary

Biosolids Analyses Summary
Jan - Dec 2000

Western Riverside County

Nitrate

Month	SOLIDS (wet)	NITROGEN (TKN)	Org-N	NH_3-N	NO_3-N	As	Cd	Cr	Cu	Pb	Hg	Mo	Ni	Se	Zn
	%					mg kg^{-1}									
Jan-00	17%	6%	5%	1%	<0.01%	4	3	44	553	59	2	14	37	6	713
Feb-00	19%	6%	5%	1%	ND	6	3	29	457	56	2	14	20	5	620
Mar-00	21%	6%	5%	1%	ND	15	4	70	512	59	2	17	38	5	667
Apr-00	17%	6%	5%	<1%	ND	4	3	46	473	55	2	16	27	5	641
May-00	17%	5%	5%	<1%	ND	6	3	50	467	50	3	20	28	5	612
Jun-00	18%	5%	5%	<1%	<0.01%	3	3	43	527	50	4	16	28	5	669
Jul-00	17%	6%	5%	1%	<0.01%	3	2	45	637	29	4	18	23	40	656
Aug-00	18%	5%	4%	1%	ND	3	3	62	707	53	3	9	32	10	841
Sep-00	19%	5%	4%	1%	<0.01%	4	3	32	587	48	3	9	26	5	801
Oct-00	19%	6%	4%	1%	ND	7	3	31	706	69	2	15	30	6	847
Nov-00	17%	6%	5%	1%	ND	5	3	31	713	69	2	13	29	5	828
Dec-00	18%	6%	5%	1%	ND	4	3	35	695	36	2	14	29	5	766
503 Table 1						75	85	-	4300	840	57	75	420	100	7500
503 Table 3						41	39	-	1500	300	17	-	420	100	2800