

Surface Disposal D&R Septic

Cell # 1 Acres 0.21 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2016 and Jul-Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Month Year Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	0	0.0000	0.00	0.00
Feb	2015	4000	0.0040	20.02	95.31
Mar	2015	6000	0.0060	30.02	142.97
Apr	2015	4000	0.0040	20.02	95.31
May	2015	2000	0.0020	10.01	47.66
Jun	2015	6000	0.0060	30.02	142.97
Jan-Jun	Total	22,000			524.23

GROUND WATER

OCT 25 2018

BUREAU

*Via email
 Juan H*

Jul	2015	4000	0.0040	20.02	95.31
Aug	2015	1000	0.0010	5.00	23.83
Sep	2015	3000	0.0030	15.01	71.49
Oct	2015	2000	0.0020	10.01	47.66
Nov	2015	1000	0.0010	5.00	23.83
Dec	2015	1000	0.0010	5.00	23.83
Jul-Dec	Total	12,000			285.94

Surface Disposal DS&R Septic

Cell # 2 Acres 0.15 SDDS Calculations DP-465

Reporting Period: Jan-Jun 20116 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		N-loading (lbs) Total N/Ac
		Volume gallons	V/million V/1000000	
Jan	2015	0	0.0000	0.00
Feb	2015	5,000	0.0050	119.14
Mar	2015	0	0.0000	0.00
Apr	2015	7,200	0.0072	171.57
May	2015	0	0.0000	0.00
Jun	2015	7,000	0.0070	166.80
Jan-Jun	Total	19,200		457.51

Jul	2015	4,000	0.0040	20.02	95.31
Aug	2015	1,000	0.0010	5.00	23.83
Sep	2015	2,000	0.0020	10.01	47.66
Oct	2015	2,000	0.0020	10.01	47.66
Nov	2015	1,000	0.0010	5.00	23.83
Dec	2015	1,000	0.0010	5.00	23.83
Jul-Dec	Total	11,000			262.11

Surface Disposal DS&R Septic

Cell # 3 Acres 0.14 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	0	0.0000	0.00	0.00
Feb	2015	7,000	0.0070	35.03	250.20
Mar	2015	0	0.0000	0.00	0.00
Apr	2015	6,000	0.0060	30.02	214.46
May	2015	0	0.0000	0.00	0.00
Jun	2015	7,000	0.0070	35.03	250.20
Jan-Jun	Total	20,000			714.86

Jul	2015	2,000	0.0020	10.01	71.49
Aug	2015	2,000	0.0020	10.01	71.49
Sep	2015	2,000	0.0020	10.01	71.49
Oct	2015	4,000	0.0040	20.02	142.97
Nov	2015	3,000	0.0030	15.01	107.23
Dec	2015	1,000	0.0010	5.00	35.74
Jul-Dec	Total	14,000			500.40

Surface Disposal D&R Septic

Cell # 4 Acres 0.18 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		N-loading (lbs) Total N/Ac
		Volume gallons	V/million Total N V/1000000 600xCx8.34	
Jan	2015	0	0.0000	0.00
Feb	2015	7,250	0.0073	201.55
Mar	2015	0	0.0000	0.00
Apr	2015	7,000	0.0070	194.60
May	2015	0	0.0000	0.00
Jun	2015	5,000	0.0050	139.00
Jan-Jun	Total	19,250		535.15
Jul	2015	4,000	0.0040	111.20
Aug	2015	2,000	0.0020	55.60
Sep	2015	2,000	0.0020	55.60
Oct	2015	1,000	0.0010	27.80
Nov	2015	2,000	0.0020	55.60
Dec	2015	1,000	0.0010	27.80
Jul-Dec	Total	12,000		333.60

Surface Disposal DS&R Septic

Cell # 5 Acres 0.13

SDDS Calculations

DP-465

Reporting Period: Jan-Jun 2017 and Jul Dec 2017 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		N-loading (lbs) Total N/Ac
		Volume gallons	V/million Total N V/1000000 600xCx8.34	
Jan	2015	0	0.0000	0.00
Feb	2015	7,000	0.0070	269.45
Mar	2015	0	0.0000	0.00
Apr	2015	5,000	0.0050	192.46
May	2015	5,000	0.0050	192.46
Jun	2015	3,000	0.0030	115.48
Jan-Jun	Total	20,000		769.85

Jul	2015	2,000	0.0020	10.01	76.98
Aug	2015	2,000	0.0020	10.01	76.98
Sep	2015	2,000	0.0020	10.01	76.98
Oct	2015	1,000	0.0010	5.00	38.49
Nov	2015	2,000	0.0020	10.01	76.98
Dec	2015	1,000	0.0010	5.00	38.49
Jul-Dec	Total	10,000			384.92

Surface Disposal DS&R Septic

Cell # 6 Acres 0.06 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	0	0.0000	0.00	0.00
Feb	2015	7,000	0.0070	35.03	583.80
Mar	2015	0	0.0000	0.00	0.00
Apr	2015	8,000	0.0080	40.03	667.20
May	2015	6,000	0.0060	30.02	500.40
Jun	2015	0	0.0000	0.00	0.00
Jan-Jun	Total	21,000			1,751.40

Jul	2015	2,000	0.0020	10.01	166.80
Aug	2015	2,000	0.0020	10.01	166.80
Sep	2015	1,000	0.0010	5.00	83.40
Oct	2015	2,000	0.0020	10.01	166.80
Nov	2015	3,000	0.0030	15.01	250.20
Dec	2015	1,000	0.0010	5.00	83.40
Jul-Dec	Total	11,000			917.40

Surface Disposal DS&R Septic

Cell # 7 Acres 0.13 SDDS Calculations DP-465

Reporting Period: Jan- Jun-15 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	2,000	0.0020	10.01	76.98
Feb	2015	5,000	0.0050	25.02	192.46
Mar	2015	0	0.0000	0.00	0.00
Apr	2015	5,000	0.0050	25.02	192.46
May	2015	5,000	0.0050	25.02	192.46
Jun	2015	0	0.0000	0.00	0.00
Jan-Jun	Total	17,000			654.37

Jul	2015	1,000	0.0010	5.00	38.49
Aug	2015	2,000	0.0020	10.01	76.98
Sep	2015	1,000	0.0010	5.00	38.49
Oct	2015	2,000	0.0020	10.01	76.98
Nov	2015	2,000	0.0020	10.01	76.98
Dec	2015	1,000	0.0010	5.00	38.49
Jul-Dec	Total	9,000			346.43

Surface Disposal DS&R Septic

Cell # 8 Acres 0.17 SDDS Calculations DP-465

Reporting Period: Jan.-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Month Year Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	8,000	0.0080	40.03	235.48
Feb	2015	0	0.0000	0.00	0.00
Mar	2015	0	0.0000	0.00	0.00
Apr	2015	6,000	0.0060	30.02	176.61
May	2015	7,000	0.0070	35.03	206.05
Jun	2015	0	0.0000	0.00	0.00
Jan-Jun	Total	21,000			618.14

Jul	2015	1,000	0.0010	5.00	29.44
Aug	2015	2,000	0.0020	10.01	58.87
Sep	2015	1,000	0.0010	5.00	29.44
Oct	2015	2,000	0.0020	10.01	58.87
Nov	2015	2,000	0.0020	10.01	58.87
Dec	2015	1,000	0.0010	5.00	29.44
Jul-Dec	Total	9,000			264.92

Surface Disposal DS&R Septic

Cell # 9 Acres 0.28 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		N-loading (lbs) Total N/Ac
		Volume gallons	V/million Total N V/1000000 600xCx8.34	
Jan	2015	5,000	0.0050	25.02
Feb	2015	0	0.0000	0.00
Mar	2015	5,000	0.0050	25.02
Apr	2015	2,000	0.0020	10.01
May	2015	6,000	0.0060	30.02
Jun	2015	0	0.0000	0.00
Jan-Jun	Total	18,000		321.69
Jul	2015	8,000	0.0080	40.03
Aug	2015	2,000	0.0020	10.01
Sep	2015	1,000	0.0010	5.00
Oct	2015	2,000	0.0020	10.01
Nov	2015	2,000	0.0020	10.01
Dec	2015	1,000	0.0010	5.00
Jul-Dec	Total	16,000		285.94

Surface Disposal D:S&R Septic

Cell # 10 Acres 0.17 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2017 and Jul Dec 2017 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		Total N	N-loading (lbs) Total N/Ac
		Volume gallons	V/million V/1000000		
Jan	2015	7,000	0.0070	35.03	206.05
Feb	2015	0	0.0000	0.00	0.00
Mar	2015	7,500	0.0075	37.53	220.76
Apr	2015	0	0.0000	0.00	0.00
May	2015	4,000	0.0040	20.02	117.74
Jun	2015	2,000	0.0020	10.01	58.87
Jan-Jun	Total	20,500			603.42
Jul	2015	6,000	0.0060	30.02	176.61
Aug	2015	2,000	0.0020	10.01	58.87
Sep	2015	2,000	0.0020	10.01	58.87
Oct	2015	2,000	0.0020	10.01	58.87
Nov	2015	1,000	0.0010	5.00	29.44
Dec	2015	4,000	0.0040	20.02	117.74
Jul-Dec	Total	17,000			500.40

Surface Disposal D: S&R Septic

Cell # 11 Acres 0.13 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		Total N	N-loading (lbs) Total N/Ac
		Volume gallons	V/million V/1000000		
Jan	2015	7,000	0.0070	35.03	269.45
Feb	2015	0	0.0000	0.00	0.00
Mar	2015	6,000	0.0060	30.02	230.95
Apr	2015	0	0.0000	0.00	0.00
May	2015	4,000	0.0040	20.02	153.97
Jun	2015	5,000	0.0050	25.02	192.46
Jan-Jun	Total	22,000			846.83

Jul	2015	4,000	0.0040	20.02	153.97
Aug	2015	2,000	0.0020	10.01	76.98
Sep	2015	1,000	0.0010	5.00	38.49
Oct	2015	2,000	0.0020	10.01	76.98
Nov	2015	1,000	0.0010	5.00	38.49
Dec	2015	3,000	0.0030	15.01	115.48
Jul-Dec	Total	13,000			500.40

Surface Disposal D: S&R Septic

Cell # 12 Acres 0.18

SDDS Calculations

DP-465

Reporting Period: Jan-Jl Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Month	Year	Discharge		N-loading (lbs) Total N/Ac
		Volume gallons	V/million Total N V/1000000 600xCx8.34	
Jan	2015	7,000	0.0070	35.03
Feb	2015	0	0.0000	0.00
Mar	2015	7,250	0.0073	36.28
Apr	2015	0	0.0000	0.00
May	2015	7,500	0.0075	37.53
Jun	2015	8,000	0.0080	40.03
Jan-Jun	Total	29,750		827.05

Jul	2015	3,000	0.0030	15.01	83.40
Aug	2015	2,000	0.0020	10.01	55.60
Sep	2015	4,500	0.0045	22.52	125.10
Oct	2015	2,200	0.0022	11.01	61.16
Nov	2015	1,000	0.0010	5.00	27.80
Dec	2015	2,000	0.0020	10.01	55.60
Jul-Dec	Total	14,700		108.66	408.66

Surface Disposal D: S&R Septic

Cell # 13 Acres 0.11 SDDS Calculations DP-465

Reporting Period: Jan-Jun 2015 and Jul Dec 2015 Assumes 600 mg/L Nitrogen Concentration

Discharge
 Volume V/million Total N
 gallons V/1000000 600xCx8.34
 N-loading (lbs)
 Total N/Ac

Jan	2015	7,000	0.0070	35.03	318.44
Feb	2015	0	0.0000	0.00	0.00
Mar	2015	6,000	0.0060	30.02	272.95
Apr	2015	0	0.0000	0.00	0.00
May	2015	6,000	0.0060	30.02	272.95
Jun	2015	7,000	0.0070	35.03	318.44
Jan-Jun	Total	26,000			1,182.76

Jul	2015	3,000	0.0030	15.01	136.47
Aug	2015	2,000	0.0020	10.01	90.98
Sep	2015	2,000	0.0020	10.01	90.98
Oct	2015	3,000	0.0030	15.01	136.47
Nov	2015	1,000	0.0010	5.00	45.49
Dec	2015	1,000	0.0010	5.00	45.49
Jul-Dec	Total	12,000			545.89

