Bird Counts
Cargill Crystallizer Pond 2, Redwood City, San Mateo Co., CA
All counts made within 3 hours of high tide
Blank cells = no birds
Bird seasons separated by two empty columns
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Date (MM/DD/YYYY)+34:34A24:334:364:354:364:34:33	12/16/2010
BBPL	
large plover	
SEPL	
BNST	
AMAV	
WESA	
LESA	
DUNL	
XWLD	
XWLS	150
small shorebird	
XDOW	
COGO	
UNGU	
total	150
Notes	Numbers in red indicate that at least some birds were foraging

Foraging/roosting counts from dates when foraging and roosting birds were counted separately

Date	BBPL foraging
12/17/2010	
12/20/2010	

12/21/2010	
2/18/2011	1
1/22/2012	
12/15/2012	20
3/2/2014	
12/4/2014	
12/23/2014	
1/22/2015	
2/18/2015	
3/10/2015	
12/23/2015	
1/7/2016	
1/21/2016	6
2/9/2016	50
2/24/2016	
3/8/2016	
3/25/2016	
4/7/2016	

					Species Code	
					BBPL	
					large plover	
					SEPL	
					BNST	
					AMAV	
					WESA	
					LESA	
					DUNL	
					XWLD	
					XWLS	
					small shorebird	
12/17/2010	2/19/2011	12/20/2010	12/21/2010	2/18/2011		5/14/2011
				1		
				2		2
		185				
	55		50			
550				35		
550	55	185	50	38		2

BBPL roosting	BNST foraging	BNST roosting	AMAV foraging	AMAV roosting	WESA foraging

2

200 22

6

79 103 109 8

100

10

3

Species
Black-bellied Plover
Pluvialis unknown species
Semipalmated Plover
Black-necked Stilt
American Avocet
Western Sandpiper
Least Sandpiper
Dunlin
Unid. Western/Least Sandpiper or Dunlin
Unid. Western/Least Sandpiper
"small shorebird" could include small *Charadrius* and/or small *Calidris* species

	8/8/2011	9/14/2011	10/7/2011
	0	0	0

WESA roosting	LESA foraging	LESA roosting	DUNL foraging

	250		
	11		167
	70		
	15	38	
	9		
	60		7
500	50		5
	40	50	10
	40		
	67		
	190	10	

Species Code	Species
XDOW	Unid. Long-billed/Short-billed Dowitcher
COGO	Common Goldeneye
UNGU	Unidentified Gull

	10/30/2011	11/13/2011	11/22/2011	11/27/2011	1/15/2012	1/22/2012	2/12/2012
						250	
					30		
	0	0	0	0	30	250	0
DUNL roosting	XWLD foraging	XWLD roosting	XWLS foraging	XWLS roosting	UNGU foraging	UNGU roosting	
				550			

50

35

158

345

40

50

18

44

3/3/2012	3/25/2012	4/5/2012	4/22/2012	5/6/2012	6/28/2012	9/20/2012	10/14/2012	11/12/2012	
									30
0	0	0	0	0	0	0	0	30	

12/2/2012	12/15/2012	1/9/2013	2/9/2013	3/16/2013	4/6/2013	5/9/2013		9/15/2013	10/27/2013
	20								
	200								
	22								
30	11								
	167								
30	420	0	0	0	0	0		0	0
video available at: https://www.youtube.com/watch?v=0hzCiDi1Bkc									

11/22/2013	12/16/2013	1/2/2014	1/18/2014	2/9/2014	2/20/2014	3/2/2014	3/16/2014	4/1/2014	4/27/2014
						70			
							160		
0	0	0	0	0	0	70	160	0	0

5/11/2014	5/30/2014		8/8/2014	8/26/2014	9/19/2014	10/8/2014	10/22/2014	11/5/2014	11/21/2014
									120
0	0		0	0	0	0	0	0	120

12/4/2014	12/9/2014	12/23/2014	1/8/2015	1/22/2015	2/7/2015	2/18/2015	3/10/2015	3/18/2015	4/1/2015
1									
				6		182			
						117			
	55								
53	1095	9							
	550								
						158	345		
54	1700	9	0	6	0	457	345	0	0
	video available at: https://www.youtube.com/watch?v=24GlHq-i_Zg								

4/16/2015	5/1/2015	5/17/2015	6/2/2015	6/17/2015	7/1/2015	7/16/2015	8/3/2015
0	0	0	0	0	0	0	0

8/14/2015	8/31/2015	9/16/2013	9/30/2015	10/16/2015	10/29/2015	11/11/2015	11/25/2015	12/9/2015
								780*
								70
								2
0	0	0	0	0	0	0	0	852
								*not able to see all plovers well enough for identificatio n to species, but all identifiable were black-bellied

12/23/2015	1/7/2016	1/21/2016	2/9/2016	2/24/2016	3/8/2016	3/25/2016	4/7/2016	4/21/2016	5/5/2016
21*									
		6	53						
		420							
	600	10							
60	50	90	40	67	200				
7	45	60							
					1				
						18	44		
88	695	586	93	67	201	18	44	0	0
*not able to see all plovers well enough for identification to species, but all identifiable were black-bellied					COGO: 1 female swimming in pond		gulls foraging by pecking at water surface		

5/17/2016*	6/2/2016*	6/15/2016	6/29/2016	7/16/2016	8/3/2016	8/16/2016	8/30/2016	9/13/2016	9/28/2016
0	0	0	0	0	0	0	0	0	0
*Spotting scope not available today.	*Spotting scope not available today.								

10/18/2016	10/26/2016	11/3/2016	11/16/2016	12/1/2016	12/13/2016	Date (MM/DD/YYYY)
						BBPL
				16		large plover
						SEPL
						BNST
						AMAV
						WESA
						LESA
						DUNL
				54		XWLD
						XWLS
	2500				1400	small shorebird
						XDOW
						COGO
				17		UNGU
0	2500	0	0	87	1400	total
				XWLD all foraging in water, at least some are LESA	Small shorebirds: majority are LESA, then WESA, and a few DUNL, 1000 foraging, 400 roosting. Roosting birds not all identifiable to genus.	Notes