Bird Counts
Cargill Crystallizer Pond 1, 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

Matt Leddy
mleddy@sbcglobal.net

Species Code	Species
KILL	Killdeer
SEPL	Semipalmated Plover
SNPL	Snowy Plover
BNST	Black-necked Stilt
AMAV	American Avocet
WESA	Western Sandpiper
LESA	Least Sandpiper
DUNL	Dunlin
XWLD	Unid. Western/Least Sandpiper or Dunlin
XWLS	Unid. Western/Least Sandpiper
XWSD	Unid. Western Sandpiper or Dunlin
LSPD	Unid. Least Sandpiper or Dunlin
XDOW	Unid. Long-billed/Short-billed Dowitcher
RTLO	Red-throated Loon
NSHO	Northern Shoveler
UNGU	Unidentified Gull

Date (MM/DD/YYYY)	11/27/2010	12/4/2010	12/16/2010	12/17/2010	2/18/2011	5/14/2011
KILL						
SEPL	300	500				
SNPL						
BNST						1
AMAV						
WESA						
LESA						
DUNL						
XWLD				40		
XWLS	1900	1200	70			
XWSD						
LSPD						
XDOW						
RTLO						
NSHO						
UNGU						
TOTAL	2200	1700	70	40	0	1
Notes	Number in red indicates that at least some birds were foraging					

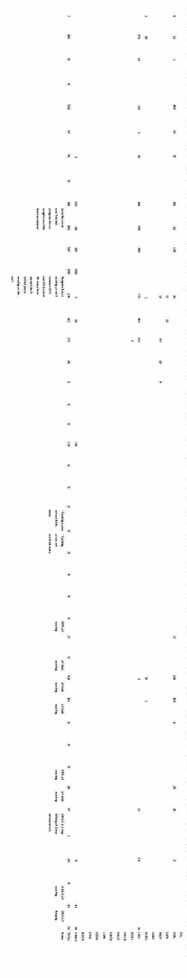
Date (MM/DD/YYYY)	8/8/2011	9/14/2011	10/7/2011	10/30/2011	11/13/2011	11/23/2011	11/27/2011	12/29/2011	1/15/2012	1/22/2012	2/12/2012	3/3/2012	3/25/2012	4/5/2012	4/22/2012	5/6/2012	6/28/2012
KILL							7	1									
SEPL						315	56		175								
SNPL																	
BNST																	
AMAV																	
WESA			3										440				
LESA			152				57	122		200		130	50				
DUNL													80				
XWLD																	
XWLS						95			150								
XWSD																	
LSPD																	
XDOW																	
RTLO																	
NSHO																	
UNGU																	
TOTAL	0	0	155	0	0	410	119	123	325	200	0	130	570	0	0	0	0
Notes										One female American kestrel roosting on wall separating CRY1 from CRY2							

Date (MM/DD/YYYY)	9/20/2012	10/14/2012	10/28/2012	11/12/2012	12/2/2012	12/15/2012	1/9/2013	2/9/2013	3/16/2013	3/19/2013	4/6/2013	5/9/2013
KILL												
SEPL			380	130								
SNPL												
BNST					18	5	15			20		
AMAV										130	2	
WESA					120	30						
LESA				1800	255	10		3				
DUNL					65	15						
XWLD												
XWLS												
XWSD												
LSPD			2650									
XDOW												
RTLO							1					
NSHO												
UNGU				9								
TOTAL	0	0	3030	1939	458	45	15	3	0	150	2	0
Notes										Video available at https://www.youtube.com/watch?v=8Q6f7zc8ZkE		

Date (MM/DD/YYYY)	9/15/2013	10/27/2013	11/23/2013	12/7/2013	12/14/2013	1/2/2014	1/16/2014	2/9/2014	2/20/2014	3/2/2014	3/16/2014	4/1/2014	4/17/2014	5/11/2014	5/30/2014
KILL															
SEPL		50	60	250	50	200									
SNPL															
BNST															
AMAV															
WESA				1		1750									
LESA			250	35	70	1750		640		350	55				
DUNL						20									
XWLD		150			600										
XWLS															
XWSD															
LSPD															
XDOW															
RTLO															
NSHO															
UNGU				6	52		355	17	138	127		36			
TOTAL	0	200	310	292	772	3720	355	657	138	477	55	36	0	0	0
Notes			11/23/2013 flock flushed by passing peregrine falcon but settled back down												

Date (MM/DD/YYYY)	8/8/2014	8/26/2014	9/19/2014	10/9/2014	10/22/2014	11/3/2014	11/5/2014	11/21/2014	12/4/2014	12/9/2014	12/29/2014	1/4/2015	1/8/2015	1/16/2015	1/22/2015	2/7/2015	2/18/2015	3/10/2015	3/18/2015	4/1/2015	4/16/2015	5/1/2015	5/17/2015	6/3/2015	6/17/2015	7/1/2015	7/11/2015	7/16/2015
KILL	2	2																2										
SEPL	525	1500	400	163	50	420	357	36																				
SNPL																												
BNST									55	101	71	112	19	84	37	26												
AMAV															3	139												
WESA						7	3			45			1															
LESA					320	3300	2640	1005	700	500		3	10		1													
DUNL						5	2			20																		
XWLD																												
XWLS																												
XWSD																												
LSPD																												
XDOW									1																			
RTLO																												
NSHO													76															
UNGU						72	127	8								32	390											
TOTAL	527	1502	400	163	370	3804	3129	1049	756	666	71	115	107	84	41	197	390	2	0	0	0	0	0	0	0	0	0	0
Notes		Photos available at https://www.youtube.com/watch?v=2DjaPPnmQJQ				Video available at https://www.youtube.com/watch?v=hQJYUP65D0E and https://www.youtube.com/watch?v=uHGn__QzOsA																						

Date (MM/DD/YYYY)	8/3/2015	8/10/2015	8/14/2015	8/25/2015	8/31/2015	9/7/2015	9/16/2015
KILL							
SEPL	22	450	2	750	960	900	1700
SNPL							
BNST							
AMAV							
WESA	3				1	5	5
LESA	6						
DUNL							
XWLD							
XWLS							
XWSD							
LSPD							
XDOW							
RTLO							
NSHO							
UNGU							
TOTAL	31	450	2	750	961	905	1705
Notes							

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

Date	KILL foraging	KILL roosting	SEPL foraging	SEPL roosting	SNPL foraging	SNPL roosting	BNST foraging	BNST roosting	AMAV foraging	AMAV roosting	WESA foraging	WESA roosting	LESA foraging	LESA roosting	DUNL foraging	DUNL roosting	XWLS foraging	XWLS roosting	UNGU foraging	UNGU roosting	NSHO foraging	NSHO roosting
12/17/2010																	40					
5/14/2011							1															
1/22/2012													200									
3/25/2012												440	50			80						
12/2/2012											130		255		65							
12/15/2012							5				30		10		10							
1/9/2013							15															
3/19/2013							20		120													
12/7/2013				250								1	5	20						6		
2/9/2014													295							17		
3/2/2014													310	40						127		
11/3/2014				420								7	170	3280		5				72		
11/21/2014				36									25	1410						8		
12/4/2014							50	8					140	560								
12/9/2014							101															
12/29/2014							41	30														
1/4/2015						2	110						3									
1/8/2015											2		15							96	75	
1/16/2015							84															
1/22/2015							34	3		3			1									
2/7/2015							20	6	124	15									33			
2/18/2015																			330	7		
12/22/2015			6	18	7	9	18	6			2			600								
12/29/2015						13							150	350						10		
1/7/2016							25	38					76	25	2							
1/21/2016							80															
2/9/2016							1	5														
3/25/2016																			132	1