

## **DeLand Country Club Estates Update Power Point Presentaion**

### **SLIDE 1**

Logo of of shield with Public Health. Prevent. Promote. Protect. Volusia County Health Department.

DeLand Country Club Estates Update

July 17, 2012

Presented by Bonita J. Sorensen, MD, MBA

### **SLIDE 2**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Private Drinking Well Testing 2011

- Sample collected from resident's private well indicated that dieldrin level exceeded the Florida Health Advisory Level (HAL).
- Additional sampling of private wells was conducted following the protocol from the Department of Health's Well Surveillance Program Technical Guide.

Shield Log

### **SLIDE 3**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Summary of 2011 Testing Results

287 wells sampled:

- 171 wells had no detection for dieldrin.
- 116 wells tested positive

Shield Log

### **SLIDE 4**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Graphic of Dieldrin Sampling Map.

Dieldrin Sampling Map Text Equivalent – Sample Map 01/05/12

Total samples: 287

Addresses depicted in dark blue on the map have been sampled and have resulted in no detections. 171

2155 Country Club Road (not shown on map)

2227 Country Club Road

2245 Country Club Road

2334 Dartmouth Road  
2351 Dartmouth Road  
2361 Dartmouth Road  
2414 Dartmouth Road  
2421 Dartmouth Road  
2420 Dartmouth Road  
2428 Dartmouth Road  
2437 Dartmouth Road  
2477 Dartmouth Road  
784 Hanover Road  
800 Hanover Road  
801 Hanover Road  
816 Hanover Road  
817 Hanover Road  
832 Hanover Road  
848 Hanover Road  
864 Hanover Road  
2440 S. Hill Avenue  
175 Huntington Drive  
229 Huntington Drive  
241 Huntington Drive  
252 Huntington Drive  
257 Huntington Drive  
260 Huntington Drive  
273 Huntington Drive  
278 Huntington Drive  
289 Huntington Drive  
303 Huntington Drive  
304 Huntington Drive  
312 Huntington Drive  
315 Huntington Drive  
320 Huntington Drive  
321 Huntington Drive  
337 Huntington Drive  
340 Huntington Drive  
227 Kincaid Avenue  
245 Kincaid Avenue  
289 Kincaid Avenue  
2000 Larchmont Drive  
2024 Larchmont Drive \*  
2040 Larchmont Drive \*  
2057 Larchmont Drive  
2064 Larchmont Drive  
755 Lincoln Road  
800 Lincoln Road  
825 Lincoln Road  
856 Lincoln Road  
880 Lincoln Road  
900 Lincoln Road – two wells on property both no detects  
901 Lincoln Road  
909 Lincoln Road  
260 Orange Camp Road

573 Orange Camp Road also know as 573 Paradise Oak Lane  
615 Orange Camp Road  
2400 Oxford Road  
2426 Oxford Road  
2070 Penn Drive  
2076 Penn Drive  
2105 Penn Drive  
2108 Penn Drive  
2117 Penn Drive  
2133 Penn Drive  
2135 Penn Drive  
2019 Penncrest Court  
2030 Penncrest Court  
2033 Penncrest Court  
2042 Penncrest Court  
2063 Penncrest Court  
2011 Pennsylvania Drive  
2017 Pennsylvania Drive  
2057 Pennsylvania Drive  
2081 Pennsylvania Drive  
2132 Pennsylvania Drive  
2320 Princeton Road  
2331 Princeton Road  
2332 Princeton Road  
2340 Princeton Road  
2350 Princeton Road  
2361 Princeton Road  
2364 Princeton Road  
2422 Princeton Road  
2425 Princeton Road  
2429 Princeton Road  
2430 Princeton Road  
2435 Princeton Road  
2447 Princeton Road  
2450 Princeton Road  
2455 Princeton Road  
2456 Princeton Road  
2463 Princeton Road  
2464 Princeton Road  
2472 Princeton Road  
2480 Princeton Road  
2335 Royal Road \*  
2347 Royal Road  
319 Stratford Drive  
351 Stratford Drive  
602 Stratford Drive  
603 Stratford Drive  
663 Stratford Drive  
681 Stratford Drive  
684 Stratford Drive  
1961 Stratford Drive \*  
2005 Stratford Drive \*

2027 Stratford Drive  
2057 Stratford Drive  
2065 Stratford Drive  
2117 Stratford Drive  
2157 Stratford Drive  
350 Swarthmore Road  
625 Swarthmore Road  
658 Swarthmore Road  
703 Swarthmore Road  
711 Swarthmore Road  
723 Swarthmore Road  
729 Swarthmore Road  
740 Swarthmore Road  
250 Valhalla Drive  
265 Valhalla Drive  
665 Vassar Road  
675 Vassar Road  
685 Vassar Road  
686 Vassar Road  
700 Vassar Road  
709 Vassar Road  
735 Vassar Road  
736 Vassar Road  
744 Vassar Road  
752 Vassar Road  
760 Vassar Road  
210 Westchester Drive  
227 Westchester Drive  
232 Westchester Drive  
242 Westchester Drive  
243 Westchester Drive  
251 Westchester Drive  
252 Westchester Drive  
259 Westchester Drive  
260 Westchester Drive  
267 Westchester Drive  
270 Westchester Drive  
275 Westchester Drive  
290 Westchester Drive  
291 Westchester Drive  
314 Westchester Drive  
320 Westchester Drive  
323 Westchester Drive  
658 Westchester Drive  
673 Westchester Drive  
749 Westchester Drive  
2040 Whitemarsh Drive  
2165 Whitemarsh Drive  
2175 Whitemarsh Drive  
2185 Whitemarsh Drive  
2195 Whitemarsh Drive  
705 Yale Road

742 Yale Road  
855 Yale Road  
860 Yale Road  
706 East Yorkshire Drive  
749 East Yorkshire Drive  
837 East Yorkshire Drive  
821 Yorkshire Drive  
1961 Yorkshire Drive  
2132 Yorkshire Drive  
1976 Yorkshire Drive  
City of DeLand well on Torchwood

Addresses depicted in red on the map have been sampled and the results are positive.  
116

2344 Dartmouth Road  
2360 Dartmouth Road  
2370 Dartmouth Road  
2457 Dartmouth Road  
865 Hanover Road  
880 Hanover Road  
2421 Harvard Road  
2438 Harvard Road  
2444 Harvard Road  
2445 Harvard Road  
2450 Harvard Road  
2453 Harvard Road  
2456 Harvard Road  
2461 Harvard Road  
2462 Harvard Road  
2465 Harvard Road  
2466 Harvard Road  
2471 Harvard Road  
2430 S. Hill Avenue  
234 Huntington Drive  
349 Huntington Drive  
211 Kincaid Avenue  
235 Kincaid Avenue  
1986 Larchmont Drive \*  
1990 Larchmont Drive  
2048 Larchmont Drive  
732 Lincoln Road  
756 Lincoln Road  
2400 South Oak Park Drive  
626 Orange Camp Road  
678 Orange Camp Road  
2412 Oxford Road  
2041 Penncrest Court  
2111 Penn Drive  
2112 Penn Drive  
2144 Penn Drive

2136 Penn Drive  
2004 Pennsylvania Drive  
2056 Pennsylvania Drive  
2068 Pennsylvania Drive - was 2186  
2080 Pennsylvania Drive  
2108 Pennsylvania Drive  
2148 East Pennsylvania Drive  
2195 Pennsylvania Drive  
2209 Pennsylvania Drive  
2325 Princeton Road  
2371 Princeton Road  
2440 Princeton Road  
2329 Royal Road  
2465 Royal Road  
2477 Royal Road  
2390 Southern Pines Place  
305 Stratford Drive  
619 Stratford Drive  
633 Stratford Drive  
637 Stratford Drive  
1960 Stratford Drive  
1976 Stratford Drive  
1977 Stratford Drive \*  
2000 Stratford Drive  
2011 Stratford Drive  
2016 Stratford Drive \*  
2032 Stratford Drive  
2048 Stratford Drive  
2070 Stratford Drive  
2100 Stratford Drive  
2101 Stratford Drive  
2124 Stratford Drive  
2140 Stratford Drive  
2141 Stratford Drive  
867 Torchwood Drive \* (not shown on map)  
875 Torchwood Drive (not shown on map)  
697 Vassar Road  
759 Vassar Road  
777 Vassar Road  
309 Westchester Drive  
327 Westchester Drive  
337 Westchester Drive  
345 Westchester Drive  
348 Westchester Drive  
355 Westchester Drive  
360 Westchester Drive  
363 Westchester Drive  
604 Westchester Drive  
608 Westchester Drive  
717 Westchester Drive  
810 Westchester Drive  
821 Westchester Drive

2189 Whitemarsh Drive  
676 Yale Road  
679 Yale Road  
692 Yale Road  
693 Yale Road  
719 Yale Road  
722 Yale Road  
735 Yale Road  
746 Yale Road  
768 Yale Road  
797 Yale Road  
709 East Yorkshire Drive  
717 East Yorkshire Drive  
730 East Yorkshire Drive  
742 Yorkshire Drive  
1969 Yorkshire Drive  
2008 Yorkshire Drive  
2009 Yorkshire Drive  
2025 Yorkshire Drive  
2032 Yorkshire Drive  
2041 Yorkshire Drive  
2057 Yorkshire Drive  
2081 Yorkshire Drive  
2090 Yorkshire Drive  
2100 Yorkshire Drive  
2101 Yorkshire Drive  
2116 Yorkshire Drive  
2117 Yorkshire Drive

These addresses depicted in yellow have refused sampling.

340 Westchester Drive  
733 Westchester Drive

These addresses depicted in stripes are unoccupied homes.

2094 Penn Drive  
2140 Pennsylvania Drive  
712 Vassar Road  
332 Westchester Drive  
801 Westchester Drive  
1985 Yorkshire Drive

These addresses depicted in pink are vacant lots.

2316 Dartmouth Road  
2326 Dartmouth Road  
3 lots on Lincoln Road (in front of 880/900/901)  
2424 Oak Park Drive  
701 Orange Camp Road  
2090 Penn Drive  
2124 Penn Drive

2008 Pennsylvania Drive  
2012 Pennsylvania Drive  
Lot between 2430 and 2440 Princeton Road  
2379 Royal Road  
724 Vassar Road  
224 Westchester Drive

Some vacant lots on the map, in a lighter pink color, have no address matching but will be updated as these become available.

These addresses depicted in light blue are connected to city water.

404 Black Ironwood Drive  
405 Black Ironwood Drive  
424 Black Ironwood Drive  
425 Black Ironwood Drive  
444 Black Ironwood Drive  
484 Black Ironwood Drive  
494 Black Ironwood Drive  
495 Black Ironwood Drive  
504 Black Ironwood Drive  
505 Black Ironwood Drive  
514 Black Ironwood Drive  
515 Black Ironwood Drive  
524 Black Ironwood Drive  
525 Black Ironwood Drive  
534 Black Ironwood Drive  
535 Black Ironwood Drive  
544 Black Ironwood Drive  
545 Black Ironwood Drive  
554 Black Ironwood Drive  
555 Black Ironwood Drive  
564 Black Ironwood Drive  
565 Black Ironwood Drive  
604 Black Ironwood Drive  
605 Black Ironwood Drive  
624 Black Ironwood Drive  
625 Black Ironwood Drive  
644 Black Ironwood Drive  
645 Black Ironwood Drive  
664 Black Ironwood Drive  
665 Black Ironwood Drive  
674 Black Ironwood Drive  
684 Black Ironwood Drive  
685 Black Ironwood Drive  
694 Black Ironwood Drive  
695 Black Ironwood Drive  
696 Black Ironwood Drive  
704 Black Ironwood Drive  
714 Black Ironwood Drive  
724 Black Ironwood Drive  
2269 Country Club Drive  
2285 Country Club Drive



2318 Dartmouth Road  
2321 Dartmouth Road  
2331 Dartmouth Road  
2339 Dartmouth Road  
2340 Dartmouth Road  
2371 Dartmouth Road  
2438 Dartmouth Road  
2448 Dartmouth Road  
2449 Dartmouth Road  
2456 Dartmouth Road  
2463 Dartmouth Road  
2464 Dartmouth Road  
2469 Dartmouth Road  
2472 Dartmouth Road  
2478 Dartmouth Road  
833 Hanover Road  
849 Hanover Road.  
288 Huntington Drive  
255 Kincaid Avenue  
265 Kincaid Avenue  
277 Kincaid Avenue  
289 Kincaid Avenue – Not sampled  
1995 Larchmont Drive  
2001 Larchmont Drive  
2025 Larchmont Drive  
740 Lincoln Road  
741 Lincoln Road  
801 Lincoln Road  
829 Lincoln Road  
838 Lincoln Road  
840 Lincoln Road  
845 Lincoln Road  
846 Lincoln Road  
850 Lincoln Road  
853 Lincoln Road  
2360 Oak Park Drive  
2361 Oak Park Drive  
2368 Oak Park Drive  
2369 Oak Park Drive  
2376 Oak Park Drive  
2377 Oak Park Drive  
2384 Oak Park Drive  
2385 Oak Park Drive  
2392 Oak Park Drive  
2393 Oak Park Drive  
2401 Oak Park Drive  
2408 Oak Park Drive  
2409 Oak Park Drive  
2416 Oak Park Drive  
2417 Oak Park Drive  
2425 Oak Park Drive  
270 Orange Camp Road

284 Orange Camp Road  
536 Orange Camp Road  
576 Orange Camp Road  
820 Orange Camp Road  
890 Orange Camp Road  
2397 Oxford Road  
2401 Oxford Road  
2417 Oxford Road  
2433 Oxford Road  
2449 Oxford Road  
2452 Oxford Road  
2465 Oxford Road  
2471 Princeton Road  
402 Princewood Drive  
403 Princewood Drive  
422 Princewood Drive  
423 Princewood Drive  
442 Princewood Drive  
443 Princewood Drive  
482 Princewood Drive  
483 Princewood Drive  
492 Princewood Drive  
493 Princewood Drive  
502 Princewood Drive  
503 Princewood Drive  
512 Princewood Drive  
513 Princewood Drive  
522 Princewood Drive  
523 Princewood Drive  
532 Princewood Drive  
533 Princewood Drive  
542 Princewood Drive  
543 Princewood Drive  
552 Princewood Drive  
553 Princewood Drive  
562 Princewood Drive  
563 Princewood Drive  
602 Princewood Drive  
603 Princewood Drive  
622 Princewood Drive  
623 Princewood Drive  
642 Princewood Drive  
643 Princewood Drive  
652 Princewood Drive  
662 Princewood Drive  
665 Princewood Drive  
683 Princewood Drive  
2309 Royal Road  
2317 Royal Road  
2359 Royal Road  
2411 Royal Road  
2417 Royal Road

2425 Royal Road  
2433 Royal Road  
2439 Royal Road  
2455 Royal Road  
2461 Royal Road  
331 Stratford Drive  
333 Stratford Drive  
343 Stratford Drive  
357 Stratford Drive  
369 Stratford Drive  
672 Swarthmore Road  
685 Swarthmore Road  
700 Swarthmore Road  
735 Swarthmore Road  
749 Swarthmore Road  
755 Swarthmore Road  
840 Torchwood Drive  
844 Torchwood Drive  
848 Torchwood Drive  
852 Torchwood Drive  
855 Torchwood Drive  
856 Torchwood Drive  
859 Torchwood Drive  
860 Torchwood Drive  
864 Torchwood Drive  
868 Torchwood Drive  
872 Torchwood Drive  
879 Torchwood Drive  
889 Torchwood Drive  
893 Torchwood Drive  
894 Torchwood Drive  
897 Torchwood Drive  
900 Torchwood Drive  
901 Torchwood Drive  
905 Torchwood Drive  
905 Torchwood Drive  
914 Torchwood Drive  
917 Torchwood Drive  
918 Torchwood Drive  
921 Torchwood Drive  
922 Torchwood Drive  
925 Torchwood Drive  
926 Torchwood Drive  
929 Torchwood Drive  
930 Torchwood Drive  
933 Torchwood Drive  
934 Torchwood Drive  
938 Torchwood Drive  
939 Torchwood Drive  
942 Torchwood Drive  
943 Torchwood Drive  
946 Torchwood Drive

947 Torchwood Drive  
950 Torchwood Drive  
951 Torchwood Drive  
954 Torchwood Drive  
955 Torchwood Drive  
958 Torchwood Drive  
959 Torchwood Drive  
962 Torchwood Drive  
966 Torchwood Drive  
967 Torchwood Drive  
970 Torchwood Drive  
971 Torchwood Drive  
974 Torchwood Drive  
975 Torchwood Drive  
979 Torchwood Drive  
978 Torchwood Drive  
982 Torchwood Drive  
983 Torchwood Drive  
986 Torchwood Drive  
990 Torchwood Drive  
994 Torchwood Drive  
998 Torchwood Drive  
1002 Torchwood Drive  
1006 Torchwood Drive  
1010 Torchwood Drive  
1018 Torchwood Drive  
1022 Torchwood Drive  
403 Westchester Drive  
619 Westchester Drive  
633 Westchester Drive  
657 Westchester Drive  
689 Westchester Drive  
701 Westchester Drive  
832 Westchester Drive  
841 Westchester Drive  
857 Westchester Drive  
862 Westchester Drive  
873 Westchester Drive  
874 Westchester Drive  
878 Westchester Drive  
882 Westchester Drive  
2212 Whitemarsh Drive  
771 Yale Road  
817 Yale Road  
829 Yale Road  
833 Yale Road  
837 Yale Road  
841 Yale Road  
718 Yorkshire Drive  
741 Yorkshire Drive  
765 Yorkshire Drive  
770 Yorkshire Drive

809 Yorkshire Drive  
810 Yorkshire Drive  
815 Yorkshire Drive  
818 Yorkshire Drive  
828 Yorkshire Drive  
840 Yorkshire Drive  
1960 Yorkshire Drive

Addresses in the Subdivision to the south of the DeLand Golf & Country Club Estates are on city water and are depicted in light blue.

\* Sample collected by DEP

Shield Log

### **SLIDE 5**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Private Drinking Water Well Testing 2012

- Resampled 160 private drinking water wells that were non-detect for dieldrin in 2011.

Summary of 2012 Testing Results

160 wells resampled:

- 156 wells no detection for dieldrin.
- 4 wells tested positive.

Shield Log

### **SLIDE 6**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Graphic of Dieldrin Resampling Map.

Dieldrin Sampling Map Text Equivalent – Resample Map 07/11/12

Total resamples: 160 notated in Orange positive samples

Addresses depicted in dark blue on the map have been sampled and have resulted in no detections.

2155 Country Club Road (not shown on map)  
2227 Country Club Road  
2245 Country Club Road  
2334 Dartmouth Road  
2351 Dartmouth Road  
2361 Dartmouth Road  
2414 Dartmouth Road

2421 Dartmouth Road  
2420 Dartmouth Road  
2428 Dartmouth Road  
2437 Dartmouth Road  
2477 Dartmouth Road  
784 Hanover Road  
800 Hanover Road  
801 Hanover Road  
816 Hanover Road  
817 Hanover Road  
832 Hanover Road  
848 Hanover Road  
864 Hanover Road  
2440 S. Hill Avenue  
175 Huntington Drive  
229 Huntington Drive  
241 Huntington Drive  
252 Huntington Drive  
257 Huntington Drive  
260 Huntington Drive  
273 Huntington Drive  
278 Huntington Drive  
289 Huntington Drive  
303 Huntington Drive  
304 Huntington Drive  
312 Huntington Drive  
315 Huntington Drive  
320 Huntington Drive  
321 Huntington Drive  
337 Huntington Drive  
340 Huntington Drive  
227 Kincaid Avenue  
245 Kincaid Avenue  
289 Kincaid Avenue  
2000 Larchmont Drive  
2024 Larchmont Drive \*  
2040 Larchmont Drive \*  
2057 Larchmont Drive  
2064 Larchmont Drive  
755 Lincoln Road  
800 Lincoln Road  
825 Lincoln Road  
856 Lincoln Road  
880 Lincoln Road  
900 Lincoln Road – two wells on property both no detects  
901 Lincoln Road  
909 Lincoln Road  
260 Orange Camp Road  
573 Orange Camp Road also know as 573 Paradise Oak Lane  
615 Orange Camp Road  
2400 Oxford Road  
2426 Oxford Road

2070 Penn Drive  
2076 Penn Drive  
2105 Penn Drive  
2108 Penn Drive  
2117 Penn Drive  
2133 Penn Drive  
2135 Penn Drive  
2019 Penncrest Court  
2033 Penncrest Court  
2042 Penncrest Court  
2063 Penncrest Court  
2011 Pennsylvania Drive  
2017 Pennsylvania Drive  
2057 Pennsylvania Drive  
2081 Pennsylvania Drive  
2132 Pennsylvania Drive  
2331 Princeton Road  
2332 Princeton Road  
2340 Princeton Road  
2350 Princeton Road  
2361 Princeton Road  
2422 Princeton Road  
2425 Princeton Road  
2429 Princeton Road  
2430 Princeton Road  
2435 Princeton Road  
2447 Princeton Road  
2450 Princeton Road  
2455 Princeton Road  
2456 Princeton Road  
2463 Princeton Road  
2464 Princeton Road  
2472 Princeton Road  
2480 Princeton Road  
2335 Royal Road \*  
2347 Royal Road  
351 Stratford Drive  
602 Stratford Drive  
603 Stratford Drive  
663 Stratford Drive  
681 Stratford Drive  
684 Stratford Drive  
1961 Stratford Drive \*  
2005 Stratford Drive \*  
2027 Stratford Drive  
2057 Stratford Drive  
2065 Stratford Drive  
2117 Stratford Drive  
2157 Stratford Drive  
350 Swarthmore Road  
625 Swarthmore Road  
658 Swarthmore Road

703 Swarthmore Road  
711 Swarthmore Road  
723 Swarthmore Road  
729 Swarthmore Road  
740 Swarthmore Road  
250 Valhalla Drive  
265 Valhalla Drive  
665 Vassar Road  
675 Vassar Road  
685 Vassar Road  
686 Vassar Road  
700 Vassar Road  
709 Vassar Road  
735 Vassar Road  
736 Vassar Road  
744 Vassar Road  
752 Vassar Road  
760 Vassar Road  
210 Westchester Drive  
227 Westchester Drive  
232 Westchester Drive  
242 Westchester Drive  
243 Westchester Drive  
251 Westchester Drive  
252 Westchester Drive  
259 Westchester Drive  
260 Westchester Drive  
267 Westchester Drive  
270 Westchester Drive  
275 Westchester Drive  
290 Westchester Drive  
291 Westchester Drive  
314 Westchester Drive  
320 Westchester Drive  
323 Westchester Drive  
658 Westchester Drive  
673 Westchester Drive  
749 Westchester Drive  
2040 Whitemarsh Drive  
2165 Whitemarsh Drive  
2175 Whitemarsh Drive  
2185 Whitemarsh Drive  
2195 Whitemarsh Drive  
705 Yale Road  
742 Yale Road  
855 Yale Road  
860 Yale Road  
706 East Yorkshire Drive  
749 East Yorkshire Drive  
837 East Yorkshire Drive  
821 Yorkshire Drive  
1961 Yorkshire Drive



2132 Yorkshire Drive  
1976 Yorkshire Drive  
City of DeLand well on Torchwood

Addresses depicted in red on the map have been sampled and the results are positive.

2344 Dartmouth Road  
2360 Dartmouth Road  
2370 Dartmouth Road  
2457 Dartmouth Road  
865 Hanover Road  
880 Hanover Road  
2421 Harvard Road  
2438 Harvard Road  
2444 Harvard Road  
2445 Harvard Road  
2450 Harvard Road  
2453 Harvard Road  
2456 Harvard Road  
2461 Harvard Road  
2462 Harvard Road  
2465 Harvard Road  
2466 Harvard Road  
2471 Harvard Road  
2430 S. Hill Avenue  
234 Huntington Drive  
349 Huntington Drive  
211 Kincaid Avenue  
235 Kincaid Avenue  
1986 Larchmont Drive \*  
1990 Larchmont Drive  
2048 Larchmont Drive  
732 Lincoln Road  
756 Lincoln Road  
2400 South Oak Park Drive  
626 Orange Camp Road  
678 Orange Camp Road  
2412 Oxford Road  
2041 Penncrest Court  
2111 Penn Drive  
2112 Penn Drive  
2144 Penn Drive  
2136 Penn Drive  
2004 Pennsylvania Drive  
2056 Pennsylvania Drive  
2068 Pennsylvania Drive - was 2186  
2080 Pennsylvania Drive  
2108 Pennsylvania Drive  
2148 East Pennsylvania Drive  
2195 Pennsylvania Drive

2209 Pennsylvania Drive  
2325 Princeton Road  
2371 Princeton Road  
2440 Princeton Road  
2329 Royal Road  
2465 Royal Road  
2477 Royal Road  
2390 Southern Pines Place  
305 Stratford Drive  
619 Stratford Drive  
633 Stratford Drive  
637 Stratford Drive  
1960 Stratford Drive  
1976 Stratford Drive  
1977 Stratford Drive \*  
2000 Stratford Drive  
2011 Stratford Drive  
2016 Stratford Drive \*  
2032 Stratford Drive  
2048 Stratford Drive  
2070 Stratford Drive  
2100 Stratford Drive  
2101 Stratford Drive  
2124 Stratford Drive  
2140 Stratford Drive  
2141 Stratford Drive  
867 Torchwood Drive \* (not shown on map)  
875 Torchwood Drive (not shown on map)  
697 Vassar Road  
759 Vassar Road  
777 Vassar Road  
309 Westchester Drive  
327 Westchester Drive  
337 Westchester Drive  
345 Westchester Drive  
348 Westchester Drive  
355 Westchester Drive  
360 Westchester Drive  
363 Westchester Drive  
604 Westchester Drive  
608 Westchester Drive  
717 Westchester Drive  
810 Westchester Drive  
821 Westchester Drive  
2189 Whitemarsh Drive  
676 Yale Road  
679 Yale Road  
692 Yale Road  
693 Yale Road  
719 Yale Road  
722 Yale Road  
735 Yale Road

746 Yale Road  
768 Yale Road  
797 Yale Road  
709 East Yorkshire Drive  
717 East Yorkshire Drive  
730 East Yorkshire Drive  
742 Yorkshire Drive  
1969 Yorkshire Drive  
2008 Yorkshire Drive  
2009 Yorkshire Drive  
2025 Yorkshire Drive  
2032 Yorkshire Drive  
2041 Yorkshire Drive  
2057 Yorkshire Drive  
2081 Yorkshire Drive  
2090 Yorkshire Drive  
2100 Yorkshire Drive  
2101 Yorkshire Drive  
2116 Yorkshire Drive  
2117 Yorkshire Drive

These 4 addresses depicted in orange have been resampled and the results are positive

2030 Penncrest Court  
319 Stratford Drive  
2320 Princeton Road  
2364 Princeton Road

These addresses depicted in yellow have declined sampling.

340 Westchester Drive  
733 Westchester Drive

These addresses depicted in stripes are unoccupied homes.

2094 Penn Drive  
2140 Pennsylvania Drive  
712 Vassar Road  
332 Westchester Drive  
801 Westchester Drive  
1985 Yorkshire Drive

These addresses depicted in pink are vacant lots.

2316 Dartmouth Road  
2326 Dartmouth Road  
3 lots on Lincoln Road (in front of 880/900/901)  
2424 Oak Park Drive  
701 Orange Camp Road  
2090 Penn Drive  
2124 Penn Drive  
2008 Pennsylvania Drive

2012 Pennsylvania Drive  
Lot between 2430 and 2440 Princeton Road  
2379 Royal Road  
724 Vassar Road  
224 Westchester Drive

Some vacant lots on the map, in a lighter pink color, have no address matching but will be updated as these become available.

These addresses depicted in light blue are connected to city water.

404 Black Ironwood Drive  
405 Black Ironwood Drive  
424 Black Ironwood Drive  
425 Black Ironwood Drive  
444 Black Ironwood Drive  
484 Black Ironwood Drive  
494 Black Ironwood Drive  
495 Black Ironwood Drive  
504 Black Ironwood Drive  
505 Black Ironwood Drive  
514 Black Ironwood Drive  
515 Black Ironwood Drive  
524 Black Ironwood Drive  
525 Black Ironwood Drive  
534 Black Ironwood Drive  
535 Black Ironwood Drive  
544 Black Ironwood Drive  
545 Black Ironwood Drive  
554 Black Ironwood Drive  
555 Black Ironwood Drive  
564 Black Ironwood Drive  
565 Black Ironwood Drive  
604 Black Ironwood Drive  
605 Black Ironwood Drive  
624 Black Ironwood Drive  
625 Black Ironwood Drive  
644 Black Ironwood Drive  
645 Black Ironwood Drive  
664 Black Ironwood Drive  
665 Black Ironwood Drive  
674 Black Ironwood Drive  
684 Black Ironwood Drive  
685 Black Ironwood Drive  
694 Black Ironwood Drive  
695 Black Ironwood Drive  
696 Black Ironwood Drive  
704 Black Ironwood Drive  
714 Black Ironwood Drive  
724 Black Ironwood Drive  
2269 Country Club Drive  
2285 Country Club Drive  
2318 Dartmouth Road

2321 Dartmouth Road  
2331 Dartmouth Road  
2339 Dartmouth Road  
2340 Dartmouth Road  
2371 Dartmouth Road  
2438 Dartmouth Road  
2448 Dartmouth Road  
2449 Dartmouth Road  
2456 Dartmouth Road  
2463 Dartmouth Road  
2464 Dartmouth Road  
2469 Dartmouth Road  
2472 Dartmouth Road  
2478 Dartmouth Road  
833 Hanover Road  
849 Hanover Road.  
288 Huntington Drive  
255 Kincaid Avenue  
265 Kincaid Avenue  
277 Kincaid Avenue  
289 Kincaid Avenue – Not sampled  
1995 Larchmont Drive  
2001 Larchmont Drive  
2025 Larchmont Drive  
740 Lincoln Road  
741 Lincoln Road  
801 Lincoln Road  
829 Lincoln Road  
838 Lincoln Road  
840 Lincoln Road  
845 Lincoln Road  
846 Lincoln Road  
850 Lincoln Road  
853 Lincoln Road  
2360 Oak Park Drive  
2361 Oak Park Drive  
2368 Oak Park Drive  
2369 Oak Park Drive  
2376 Oak Park Drive  
2377 Oak Park Drive  
2384 Oak Park Drive  
2385 Oak Park Drive  
2392 Oak Park Drive  
2393 Oak Park Drive  
2401 Oak Park Drive  
2408 Oak Park Drive  
2409 Oak Park Drive  
2416 Oak Park Drive  
2417 Oak Park Drive  
2425 Oak Park Drive  
270 Orange Camp Road  
284 Orange Camp Road

536 Orange Camp Road  
576 Orange Camp Road  
820 Orange Camp Road  
890 Orange Camp Road  
2397 Oxford Road  
2401 Oxford Road  
2417 Oxford Road  
2433 Oxford Road  
2449 Oxford Road  
2452 Oxford Road  
2465 Oxford Road  
2471 Princeton Road  
402 Princewood Drive  
403 Princewood Drive  
422 Princewood Drive  
423 Princewood Drive  
442 Princewood Drive  
443 Princewood Drive  
482 Princewood Drive  
483 Princewood Drive  
492 Princewood Drive  
493 Princewood Drive  
502 Princewood Drive  
503 Princewood Drive  
512 Princewood Drive  
513 Princewood Drive  
522 Princewood Drive  
523 Princewood Drive  
532 Princewood Drive  
533 Princewood Drive  
542 Princewood Drive  
543 Princewood Drive  
552 Princewood Drive  
553 Princewood Drive  
562 Princewood Drive  
563 Princewood Drive  
602 Princewood Drive  
603 Princewood Drive  
622 Princewood Drive  
623 Princewood Drive  
642 Princewood Drive  
643 Princewood Drive  
652 Princewood Drive  
662 Princewood Drive  
665 Princewood Drive  
683 Princewood Drive  
2309 Royal Road  
2317 Royal Road  
2359 Royal Road  
2411 Royal Road  
2417 Royal Road  
2425 Royal Road

2433 Royal Road  
2439 Royal Road  
2455 Royal Road  
2461 Royal Road  
331 Stratford Drive  
333 Stratford Drive  
343 Stratford Drive  
357 Stratford Drive  
369 Stratford Drive  
672 Swarthmore Road  
685 Swarthmore Road  
700 Swarthmore Road  
735 Swarthmore Road  
749 Swarthmore Road  
755 Swarthmore Road  
840 Torchwood Drive  
844 Torchwood Drive  
848 Torchwood Drive  
852 Torchwood Drive  
855 Torchwood Drive  
856 Torchwood Drive  
859 Torchwood Drive  
860 Torchwood Drive  
864 Torchwood Drive  
868 Torchwood Drive  
872 Torchwood Drive  
879 Torchwood Drive  
889 Torchwood Drive  
893 Torchwood Drive  
894 Torchwood Drive  
897 Torchwood Drive  
900 Torchwood Drive  
901 Torchwood Drive  
905 Torchwood Drive  
905 Torchwood Drive  
914 Torchwood Drive  
917 Torchwood Drive  
918 Torchwood Drive  
921 Torchwood Drive  
922 Torchwood Drive  
925 Torchwood Drive  
926 Torchwood Drive  
929 Torchwood Drive  
930 Torchwood Drive  
933 Torchwood Drive  
934 Torchwood Drive  
938 Torchwood Drive  
939 Torchwood Drive  
942 Torchwood Drive  
943 Torchwood Drive  
946 Torchwood Drive  
947 Torchwood Drive

950 Torchwood Drive  
951 Torchwood Drive  
954 Torchwood Drive  
955 Torchwood Drive  
958 Torchwood Drive  
959 Torchwood Drive  
962 Torchwood Drive  
966 Torchwood Drive  
967 Torchwood Drive  
970 Torchwood Drive  
971 Torchwood Drive  
974 Torchwood Drive  
975 Torchwood Drive  
979 Torchwood Drive  
978 Torchwood Drive  
982 Torchwood Drive  
983 Torchwood Drive  
986 Torchwood Drive  
990 Torchwood Drive  
994 Torchwood Drive  
998 Torchwood Drive  
1002 Torchwood Drive  
1006 Torchwood Drive  
1010 Torchwood Drive  
1018 Torchwood Drive  
1022 Torchwood Drive  
403 Westchester Drive  
619 Westchester Drive  
633 Westchester Drive  
657 Westchester Drive  
689 Westchester Drive  
701 Westchester Drive  
832 Westchester Drive  
841 Westchester Drive  
857 Westchester Drive  
862 Westchester Drive  
873 Westchester Drive  
874 Westchester Drive  
878 Westchester Drive  
882 Westchester Drive  
2212 Whitemarsh Drive  
771 Yale Road  
817 Yale Road  
829 Yale Road  
833 Yale Road  
837 Yale Road  
841 Yale Road  
718 Yorkshire Drive  
741 Yorkshire Drive  
765 Yorkshire Drive  
770 Yorkshire Drive  
809 Yorkshire Drive



810 Yorkshire Drive  
815 Yorkshire Drive  
818 Yorkshire Drive  
828 Yorkshire Drive  
840 Yorkshire Drive  
1960 Yorkshire Drive

Addresses in the Subdivision to the south of the DeLand Golf & Country Club Estates are on city water and are depicted in light blue.

\* Sample collected by DEP

Shield Log

### **SLIDE 7**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Health Implications

- There is no conclusive evidence that dieldrin causes cancer in humans. Dieldrin has been shown to cause cancer in mice.
- The nervous system and liver can be affected by exposure to dieldrin.
- However, these effects would only be expected in much higher levels of exposure than found in this community.

Shield Log

### **SLIDE 8**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Health Implications

- As in the case of drinking water, exposure to pesticides in soil over a 70 year lifetime might result in health effects.
- Because of typical hand-to-mouth behavior, the risk of incidental ingestion is greater for children. Hand washing is very important after playing in the yard, especially before eating.

Shield Log

### **SLIDE 9**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Health Implications

- Organochlorine pesticides
  - Dieldrin

- Toxaphene
  - DDT
  - Chlordane
- All have similar chemical properties. The same protective measures apply to all of these.

Shield Log

#### **SLIDE 10**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Protective Measures for Private Drinking Water Wells

- If your private well is contaminated, connect to public water system.
- If your private well had no contamination, have well periodically tested.

Shield Log

#### **SLIDE 11**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

Protective Measures for Soil

- To limit exposure to termiticide or pesticide previously used on property, avoid activities that bring chemicals to the surface such as digging.
- Normal activities in a grass-covered yard should pose very little risk of exposure.

Shield Log

#### **SLIDE 12**

Graphic of staff testing water with the words DeLand Country Club Estates Update.

For more information please visit

The Volusia County Health Department website

- [www.volusiahealth.com/dieldrin](http://www.volusiahealth.com/dieldrin)

DOH Safe gardening tips website

- [www.myfloridaeh.com/medicine/superfund](http://www.myfloridaeh.com/medicine/superfund)

Shield Log

**END OF SLIDE SHOW**