DeLand Country Club Estates Update Power Point Presentation

SLIDE 1

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.

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

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 known 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.

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
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
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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
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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
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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
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2185 Whitemarsh Drive
2195 Whitemarsh Drive
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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
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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
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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
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2371 Princeton Road
2440 Princeton Road
2329 Royal Road
2465 Royal Road
2477 Royal Road
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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
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2141 Stratford Drive
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360 Westchester Drive
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608 Westchester Drive
717 Westchester Drive
810 Westchester Drive
821 Westchester Drive
2189 Whitemarsh Drive
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679 Yale Road
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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
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515 Black Ironwood Drive
524 Black Ironwood Drive
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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
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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
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
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

**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.

**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.

**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.

**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.

**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.

**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)

**END OF SLIDE SHOW**