

## **CAMEO of m EXERCISE**

### Water Plant Risk Analysis--Chlorine:

This month's CAMEO exercise is to prepare a "risk analysis" for a water treatment plant utilizing Chlorine.

### CAMEO Exercise:

Find and Import the Tom's Water Plant .zip file. It should be attached to this e-mail

Check to see if the Imported file has 3 contacts and 1 chemical.

Do both a Screening and a Scenario for the Chlorine. If you need help, refer to the "Screenings and Scenarios Help Sheet" attached to this e-mail.

## **MARPLOT/LandView 5 EXERCISE**

Choose a location for Tom's Water Plant to reside in your city or county. Recommend you choose a location in or near a town so you will see "affected" populations.

Open a new layer in MARPLOT titled "February 2003 CAMEO Exercise".

Use the "Symbol" tool to display the water plant location on MARPLOT map; use the "Sharing" menu to "link" the MARPLOT symbol to the CAMEO record.

Return to CAMEO. Display and print both the Screening and Scenario on the MARPLOT map.

Use the LandView 2000 Population Estimator tool to produce affected population estimates for both the Screening and the Scenario radius areas. If you need help, refer to the "LandView 2000 Population Estimator Help Sheet" attached to this e-mail.

## **ALOHA EXERCISE**

Use ALOHA to produce a plume for a Direct/Instantaneous “worst-case” release. Use the following Atmospheric Conditions (from CAMEO Scenario # 1):

wind speed 8 mph; direction 270 degrees; Cloud Cover is 5; ground roughness is URBAN; Temperature is 75 degrees; Relative Humidity is 60%

Display the ALOHA plume in MARPLOT. Use LandView 5 to produce a population estimate for the ALOHA plume. If you need help, refer to “Population Estimates for ALOHA Plumes Help Sheet”.

Change the Level of Concern is ALOHA to ERPG-1. Repeat the Population Estimate.

Change the Level of Concern is ALOHA to ERPG-2. Repeat the Population Estimate.

## **RMP-COMP EXERCISE**

Use RMP COMP to produce an affected radius estimate. Use you MARPLOT “Circle” tool to draw the RMP-COMP radius on your map. Repeat the steps to produce a LandView Population Estimate for the RMP-COMP area.