## Site

-id: int

-name: String-status: String

-remediationStatus: String -contaminationType: String

-x: long -y: long

+getId(): int +getX(): long +getY(): long +getStatus(): String +getName(): String

+hasSurroundingContamination(): boolean +getDistance(x : long, y : long): double

+toString(): String

## SiteList

-sites: Site[600] -arrayLength: int

+addNew(): boolean

+addNew(newsite : Site): boolean +getStatus(x : long, y : long): String

+getStatus(): String +writeCSV(): boolean

+writeCSV(string location): boolean

+parseFromFile(): boolean

+parseFromFile(filename : string): boolean

+size(): int

-findSite(name : string): int
-findSite(x : long, y : long): int
-predict(x : long, y : long): String

-getClosest(closest : Site[5], x : long, y : long): void -sortArray(incomingArray : Site[600], x : long, y : long): void

-copyArray(from Site[600], to Site[600]): void