

This document contains all the JSON elements in proper format to create Inventory and Laboratory data in CMDP. Please refer to the CMDP Web Service Inventory and Lab Data Dictionary.docx document for data definition and examples.

Water System JSON Structure.

```
{
  "waterSystemId": "string",
  "wsNm": "string",
  "wsOwnerTypeName": "string",
  "wsStateTypeName": "string",
  "wsStateWaterSrcTypeName": "string",
  "wsStateId": "string",
  "stateLocalNm": "string",
  "decommissionDt": "string",
  "combinedDistSystemId": "string",
  "longTerm2EswtrSchedCat": "string",
  "stage2DbprSchedCat": "string",
  "outstandingPerformerFlg": "string",
  "outstandingPerformerBeginDt": "string",
  "stateSourceWaterProgFlg": "string",
  "stateSourceWaterBeginDt": "string",
  "groundwaterNonPurchPc": 0,
  "groundwaterPurchPc": 0,
  "groundwaterUdiNonPurchPc": 0,
  "groundwaterUdiPurchPc": 0,
  "surfaceWaterNonPurchPc": 0,
  "surfaceWaterPurchPc": 0,
  "wsFedWaterSrcTypeName": "string",
  "comments": "string",
  "waterPercentComment": "string",
  "wsActivityStatusName": "string",
  "wsActivityStartDt": "string",
  "address":
  {
    "usCityName": "string",
    "usStateName": "string",
    "address1": "string",
    "address2": "string",
    "zipCd": "string"
  },
  "contact":
  {
    "categoryName": "string",
    "statusName": "string",
    "individualSalutationName": "string",
    "individualFirstNm": "string",
    "individualLastNm": "string",
```

```
"individualMiddleNm": "string",
"individualNmSuffix": "string",
"individualTitle": "string",
"individualProfQual": "string",
"primacyAgencyCd": "string",
"organizationNm": "string",
"organizationTypeName": "string",
"labId": "string",
"fedLabId": "string",
"waterSystemId": "string",
"contactTypeName": "string",
"certificationType": "string",
"certificationDt": "string",
"certificationLevel": "string",
"operatorId": "string",
"startDt": "string",
"endDt": "string",
"address":
[
  {
    "legalEntityName": "string",
    "addressTypeName": "string",
    "internationalCountryName": "string",
    "usStateName": "string",
    "usCityName": "string",
    "primaryAddressFlg": "string",
    "address1": "string",
    "address2": "string",
    "zipCd": "string",
    "internationalFlg": "string",
    "internationalCity": "string",
    "internationalProv": "string",
    "internationalPostalCd": "string"
  }
],
"phone":
[
  {
    "legalEntityName": "string",
    "phoneTypeName": "string",
    "primaryPhoneFlg": "string",
    "phoneNumber": "string",
    "phoneExt": "string"
  }
],
"emailUrl":
[
  {
```

```

    "legalEntityName": "string",
    "emailUrlTypeName": "string",
    "primaryEmailFlg": "string",
    "emailUrlAddress": "string"
  }
]
},
"populationServed":
[
  {
    "waterSystemId": "string",
    "populationTypeName": "string",
    "popServicePdBeginDt": "string",
    "popServicePdEndDt": "string",
    "populationCnt": 0,
    "popEffecBeginDt": "string",
    "popEffecEndDt": "string",
    "comments": "string"
  }
]
}

```

Facilities JSON Structure.

```

{
  "otherFacility": [
    {
      "waterSystemId": "string",
      "stateAssignedFacId": "string",
      "facTypeName": "string",
      "facCategoryName": "string",
      "facNm": "string",
      "facLocalNm": "string",
      "fedFacId": "string",
      "facAvailabilityName": "string",
      "facActivityStatusName": "string",
      "facActivityStatusDt": "string"
    }
  ],
  "sourceFacility": [
    {
      "waterSystemId": "string",
      "stateAssignedFacId": "string",
      "facTypeName": "string",
      "facCategoryName": "string",
      "facNm": "string",
      "facLocalNm": "string",

```

```

    "fedFacId": "string",
    "facAvailabilityName": "string",
    "facActivityStatusName": "string",
    "facActivityStatusDt": "string",
    "waterSourceTypeName": "string",
    "waterSourceTypeDate": "string",
    "sourceTreatmentStatusName": "string"
  }
],
"treatmentFacility": [
  {
    "waterSystemId": "string",
    "stateAssignedFacId": "string",
    "facTypeName": "string",
    "facCategoryName": "string",
    "facNm": "string",
    "facLocalNm": "string",
    "fedFacId": "string",
    "facAvailabilityName": "string",
    "facActivityStatusName": "string",
    "facActivityStatusDt": "string",
    "address": {
      "usCityName": "string",
      "usStateName": "string",
      "address1": "string",
      "address2": "string",
      "zipCd": "string"
    }
  }
]
}

```

Facility Sampling Point JSON Structure.

```

{
  "facilityName": "string",
  "waterSystemId": "string",
  "samplingPointId": "string",
  "samplingPointNm": "string",
  "smpPntActivityStatusDt": "string",
  "smpPntWatertreatStatName": "string",
  "smpPntActivityStatusName": "string",
  "smpPntTypeRefName": "string",
  "address": {
    "usCityName": "string",
    "usStateName": "string",
    "address1": "string",

```

```
"address2": "string",
"zipCd": "string"
},
"comments": "string"
}
```

Laboratory JSON Structure.

```
{
  "categoryName": "string",
  "statusName": "string",
  "individualSalutationName": "string",
  "individualFirstNm": "string",
  "individualLastNm": "string",
  "individualMiddleNm": "string",
  "individualNmSuffix": "string",
  "individualTitle": "string",
  "individualProfQual": "string",
  "primacyAgencyCd": "string",
  "organizationNm": "string",
  "organizationTypeName": "string",
  "labId": "string",
  "fedLabId": "string",
  "address": [
    {
      "legalEntityName": "string",
      "addressTypeName": "string",
      "internationalCountryName": "string",
      "usStateName": "string",
      "usCityName": "string",
      "primaryAddressFlg": "string",
      "address1": "string",
      "address2": "string",
      "zipCd": "string",
      "internationalFlg": "string",
      "internationalCity": "string",
      "internationalProv": "string",
      "internationalPostalCd": "string"
    }
  ],
  "phone": [
    {
      "legalEntityName": "string",
      "phoneTypeName": "string",
      "primaryPhoneFlg": "string",
      "phoneNumber": "string",
      "phoneExt": "string"
    }
  ]
}
```

```
}  
],  
"emailUrl": [  
  {  
    "legalEntityName": "string",  
    "emailUrlTypeName": "string",  
    "primaryEmailFlg": "string",  
    "emailUrlAddress": "string"  
  }  
]  
}
```